

id	lid	wtn	top_depth	bottom_depth	lithology
	5	155	213	0	2.4 sand
	6	156	213	2.4	24.4 dry gravel
	7	157	213	24.4	27.4 silty sand
	8	158	213	27.4	32.9 broken shale
	9	159	213	32.9	36.6 shale( water b
	10	160	214	0	33.5 gravel
	11	161	214	33.5	36.6 broken bedroc
	12	75622	215	0	4.6 hard clay mxd
	13	75623	215	4.6	12.5 light grey shal
	14	75624	215	12.5	23.2 dark grey sha
	15	75625	215	23.2	31.7 med grey sha
	16	75626	215	31.7	44.5 dark grey sha
	17	75627	215	44.5	50.9 dark grey sha
	18	75628	215	50.9	53.9 dark shale gre
	19	162	216	0	18.3 dry gravels
	20	163	216	18.3	48.8 bedrock (shal
	21	164	226	0	4 sandstone
	22	179966	235	0	6.1 heavy brown c
	23	179967	235	6.1	15.2 light brown sil
	24	179968	235	15.2	33.5 dark brown sil
5216	296043	62249	10.1	77.1	med grey sha
	25	179969	235	33.5	37.5 heavy brown c
	26	179970	235	37.5	45.7 brown clay sa
	27	179971	235	45.7	46.6 shale and pea
	28	179972	235	46.6	64 sandstone, sil
	29	75629	238	0	14 heavy brown c
	30	75630	238	14	14.6 sandstone
	31	75631	238	14.6	14.9 brown clay
	32	179973	239	0	8.5 clay - brown
	33	179974	239	8.5	11.6 cemented - aq
	34	179975	239	11.6	42.7 clay with rock
	35	179976	239	42.7	43.9 clay - light gre
	36	179977	239	43.9	51.8 clay - grey wit
	37	179978	239	51.8	53 clay - with sar
	38	179979	239	53	53.6 lime clay
	39	75632	240	0	2.4 clay
	40	75633	240	2.4	6.1 sand and bou
	41	75634	240	6.1	13.7 clay and sand
	42	75635	240	13.7	42.7 shale
	43	75636	240	42.7	54.9 sandstone
	44	75637	240	54.9	56.1 open zone- lo

45	75639	240	56.1	105.2 sandstone
46	179980	241	0	6.7 sand rock, wa
47	179981	241	6.7	24.7 blue clay
48	179982	241	24.7	29.3 sandrock
49	179983	241	29.3	49.7 blue clay
5217	296044	62249	77.1	78.9 sandy light gr
5218	296045	62249	78.9	85.6 clayey cemen
50	179984	241	49.7	51.5 gravel - loss c
51	707	694	0	38.1 soft clay-grey/
52	708	694	38.1	52.7 shale-med gre
53	709	694	52.7	56.4 sandstone-soi
54	710	694	56.4	80.8 shale
55	711	694	77.4	78 making water
56	747	782	0	4.6 clay
57	748	782	4.6	45.7 shale and san
58	115694	783	0	3 dark grey clay
59	115695	783	3	9.8 dark grey clay
60	115706	783	3	14.6 sandy clay, w
61	115696	783	9.8	10.7 sandstone (pr
62	115697	783	10.7	16.5 grey clay and
63	115698	783	16.5	17.1 light grey clay
64	115699	783	17.1	23.2 grey clay-light
65	115700	783	23.2	25.9 med grey clay
66	115701	783	25.9	26.8 light grey clay
67	115702	783	26.8	34.4 med grey clay
68	115703	783	34.4	38.7 light grey clay
69	115704	783	38.7	50 dark grey sha
5219	296046	62250	0	1.5 till with rock
5220	296047	62250	1.5	3.7 gravel
70	115705	783		3 dark grey clay
71	115707	783		9.1 med grey san
72	75766	788	0	4.6 clay
73	75767	788	4.6	45.7 shale and san
74	75771	837	0	36.6 silty clay
75	75772	837	36.6	73.2 shale and san
76	181485	1045	0	1.8 brown clay
77	181486	1045	1.8	4.3 brown and bl
78	181487	1045	4.3	5.2 soft red sands
79	181488	1045	5.2	15.2 soft gumbo
80	181489	1045	15.2	16.2 lime clay-soft
81	181490	1045	16.2	24.4 gumbo
82	181491	1045	24.4	36.6 soft blue shak

83	181497	1047	0	3.4 clay med grey
84	181498	1047	3.4	38.4 silty sandy cla
85	181499	1047	38.4	55.8 med grey sha
86	181500	1047	55.8	73.2 dark grey sha
87	115856	1051	0	0.5 fill-wood
88	115857	1051	0.5	4.9 light grey brov
89	115858	1051	4.9	13.7 med grey clay
5221	296048	62250	3.7	4.9 gravel with wa
5222	296049	62250	4.9	6.1 clay with grav
90	115859	1051	13.7	17.7 med grey clay
91	115860	1051	17.7	43.3 med grey sha
92	181512	1052	0	12.2 shale and san
93	115862	1053	0.3	4.3 yellow mud
94	115863	1053	4.6	22.9 yellow/grey m
95	115864	1053	22.9	25.3 grey mud
96	115865	1053	25.3	26.8 yellow mud
97	115866	1053	26.8	35.1 black grey mu
98	181538	1060	0	4.9 light grey clay
99	181539	1060	4.9	9.8 light grey sanc
100	181540	1060	9.8	35.1 med grey sha
101	181541	1061	0	6.1 sandstone 80'
102	181542	1061	6.1	12.2 clay 80%-sanc
103	181543	1061	12.2	18.3 sandstone 80'
104	115868	1062	0	0.3 leaf mould till
105	115869	1062	0.3	1.2 light grey-brov
106	115870	1062	1.2	4.6 med grey-brov
107	115871	1062	4.6	24.4 med grey clay
108	115873	1062	24.4	30 med grey sha
109	115874	1064	0	0.6 rocky till
293	188505	11720	9.1	79.2 unknown
110	115875	1064	0.6	4.3 med grey/brov
111	115876	1064	4.3	25.9 med grey clay
112	181547	1066	0	6.7 med gre/brow
113	181548	1066	6.7	15.8 med grey clay
114	181549	1066	15.8	44.5 med grey clay
115	181550	1066	44.5	51.8 dark grey clay
116	181555	1069	0	5.8 silt
117	181556	1069	5.8	8.5 silty sand
118	181557	1069	8.5	10.3 med sand
119	181558	1072	0	6.4 bouldery grav
120	181559	1072	6.4	10.4 coarse sand a
121	181560	1072	10.4	12.8 layers of claye

122	181561	1072	12.8	13.7 sandstone-roc
123	181562	1072	13.7	19.8 med grey sha
124	181563	1073	0	21.3 clay
125	181564	1073	21.3	61 shale
126	182156	1372	0	29.6 gravel some c
127	182157	1372	29.6	29.9 hard black rut
128	116022	1374	0	30.5 blue gumbo cl
129	116023	1374	30.5	31 sandstone  - s
130	116032	1383	0	27.4 blue gumbo cl
131	116190	1575	0	26.5 blue gumbo cl
132	116191	1575	26.5	27 sandstone
133	182324	1577	0	6.1 gumbo clay
134	116192	1578	0	15.2 silt in bottom c
5287	451239	63400	18.3	24.4 pea gravel
136	182326	1581	0	1.8 gumbo clay
137	182327	1581	1.8	7.9 fine sand w/b
138	182328	1581	7.9	9.8 blue tough cla
139	116193	1583	0	3 gumbo clay
140	116194	1583	3	4 sandstone
141	182330	1584	0	20.1 clay
142	182331	1584	20.1	21.9 sandstone
144	182335	1586	1.2	6.1 sand
145	75895	1622	0	7.6 sandy silt
146	75896	1622	7.6	51.8 sandstone - h
147	116218	1623	0	36 blue gumbo cl
148	182429	1671	0	5.5 gumbo clay
149	182430	1671	5.5	5.8 rock w/b
150	182431	1671	5.8	7.6 blue gumbo cl
151	182434	1675	0	4.9 gumbo clay
152	182481	1742	0	18.3 gumbo clay
153	116323	1793	0	15.2 gumbo clay
154	182520	1794	0	5.8 gumbo clay
155	182521	1794	5.8	6.7 black shale
156	182522	1795	0	2.1 gumbo
157	182523	1795	2.1	5.5 sandy shale
158	182524	1795	5.5	7.9 gravelly gumb
159	116328	1809	0	28.3 gumbo clay
160	116329	1809	28.3	29 large boulder
161	1177	1914	0	0.9 clay with ston
162	1178	1914	0.9	7.6 grey shale
163	182641	1920	0	32.9 gumbo clay
164	182642	1920	32.9	34.4 sandstone

165	182643	1920	34.4	39.6 quicksand mi
166	116395	1921	0	6.1 clay
167	116396	1921	6.1	6.7 silt - bottom g
168	116397	1923	0	15.2 silt with fine s
169	116398	1923	15.2	80.8 greasy sloppy
170	182644	1924	0	3 shale on top
171	182645	1924	3	6.1 blue gumbo cl
172	116469	2043	0	121.9 gumbo clay rc
173	182755	2044	0	3.4 gumbo clay
174	182756	2044	3.4	115.8 sandstone
175	1219	2136	0	4.3 gumbo clay
176	1220	2136	4.3	8.2 shale
177	182878	2138	0	21.3 blue gumbo cl
178	116513	2139	0	5.5 all gumbo clay
179	116550	2192	0	7.3 blue gumbo cl
180	1258	2214	0	0.9 topsoil
181	1259	2214	0.9	17.1 gumbo clay
182	1260	2214	17.1	22.9 shale rock
183	1261	2214	22.9	39.6 shale rock w/t
5288	451238	63400		18.3 brown clay & l
5289	327492	63403	0	33.5 clay & gravel
184	75904	2215	0	13.7 gumbo clay ar
185	75905	2215	13.7	16.2 w/b gravel
186	75906	2215	16.2	25 clay and rock
187	75907	2215	25	25.6 w/b gravel
188	75908	2215	25.6	29 clay
189	75909	2215	29	35.1 soft shale
190	75911	2215	35.1	39.6 hard shale, dr
191	75912	2215	39.6	44.2 brown - red s
192	75913	2215	50.3	59.4 sandy shale
193	75914	2215	59.4	65.5 w/b sandy sha
194	75915	2215	65.5	79.2 hard shale
195	75916	2215	79.2	132.6 soft shale
196	75917	2215	132.6	141.1 thin alternate
197	1262	2227	0	0.6 topsoil
198	1263	2227	0.6	24.4 clay and guml
199	1264	2227	24.4	26.2 hard layer of c
200	1265	2227	26.2	28.7 w/b sandy sha
201	1266	2227	28.7	53.3 w/b shale
202	1267	2227	53.3	61 gravel and sh:
203	1268	2227	61	62.2 hard grey san
204	1269	2227	62.2	64 shale

205	1270	2227	64	64.9 hard sandstor
206	1271	2227	64.9	66.4 shale and har
207	1272	2227	66.4	67.7 shale
208	1273	2227	67.7	91.4 gummy grave
209	1274	2251	0	1.5 clay
210	1275	2251	1.5	2.7 fine sand
211	1276	2251	2.7	3 sandstone
212	75918	2253	0	8.8 gumbo
213	75919	2253	8.8	13.7 gravel
214	75920	2253	13.7	27.4 gumbo and ro
215	75921	2253	27.4	33.5 hardpan
216	75922	2253	33.5	35.1 open crevass
217	75923	2253	35.1	44.2 shale
218	75924	2253	44.2	45.7 hard sand sha
219	75925	2253	45.7	55.2 shale
220	75926	2253	55.2	74.7 sand- rock, m
221	75927	2253	74.7	97.5 mixture of sha
222	75928	2253	97.5	110 shale
223	1277	2254	0	25.9 gumbo
224	1278	2254	25.9	35.1 hardpan
225	1279	2254	35.1	36.6 rocky crevass
226	1280	2254	36.6	42.7 shale
227	1281	2254	42.7	44.2 sandy shale
228	1282	2254	44.2	54.3 shale
229	1283	2254	54.3	73.2 sandrock
230	1284	2254	73.2	94.5 soapstone sha
231	1285	2254	94.5	103 shale
232	116673	2267	0	5.5 dug in river gr
233	116791	2431	0	12.2 gumbo with se
234	116792	2432	0	6.1 gumbo clay
235	116793	2432	6.1	7 sand or sands
236	1355	2433	0	6.1 blue gumbo cl
237	1356	2433	6.1	7.3 sandstone w/t
239	116870	2552	0	12.2 loam (clay)
240	116871	2552	12.2	30.8 rocks mixed w
241	116872	2553	0	9.1 all clay
242	116873	2554	0	5.5 shaley rusty c
243	1388	2556	0	54.9 blue gumbo cl
244	1389	2556	54.9	66.4 sandstone
245	183304	2557	0	5.8 gumbo clay
246	183305	2557	5.8	7.3 silty fine sand
247	1390	2589	0	3.4 gumbo clay

248	1391	2589	3.4	20.4 sandstone
249	1392	2590	0	2.4 sandstone
250	183357	2610	0	2.7 shaley clay
251	183566	2844	0	10.7 clay with few i
252	117101	2845	0	3.4 gumbo clay  -
253	183627	2932	0	6.7 clay
254	183628	2932	6.7	32.3 sand and grav
255	183629	2932	32.3	46.3 blue clay
256	183630	2932	46.3	50.3 sand w/b
257	1481	2933	0	3.4 gumbo clay
258	1482	2933	3.4	4 shale
259	1483	2933	4	12.2 sandstone, w/
260	1533	3121	0	60.4 blue gumbo cl
261	1534	3121	60.4	61 sandstone
262	1550	3188	0	5.5 clay
263	1551	3188	5.5	6.1 bedrock
264	1809	4834	0	4.6 clay
265	1810	4834	4.6	35.1 shale with sar
266	1811	4844	0	0.6 clay
267	1812	4844	0.6	1.2 sandstone
268	184965	4860	0	0.6 gravel
269	119032	4867	0	2.4 sandstone
270	1813	4888	0	6.1 gumbo clay
271	1814	4888	6.1	25.3 blue clay
272	1815	4888	25.3	30.5 shale
273	185024	4905	0	1.8 gumbo clay
274	1822	4921	0	6.1 gumbo clay
275	1823	4921	6.1	24.4 shale
276	1824	4921	24.4	44.5 sandstone an
277	1825	4921	44.5	48.8 softer materia
278	185050	4924	0	2.4 clay
279	1826	4933	0	6.1 brown water-t
280	1827	4933	6.1	12.2 water-bearing
281	1828	4936	0	2.1 clay
282	1829	4936	2.1	6.1 shaley sandst
283	119036	4951	0	34.1 gumbo clay  s
284	76223	4956	0	0.6 in sandstone
285	119037	4958	0	24.4 gumbo clay
286	185118	4969	0	3 sand
287	125559	11710	0	15.2 mostly clay wi
288	2467	11714	0	54.9 clays with roc
289	2468	11714	54.9	76.2 shale and san

290	125560	11715	0	12.2 gumbo clay or
291	188500	11718	0	2.4 gumbo clay
292	188504	11720	0	0.9 black soil - silt
294	188523	11733	0	6.1 silt, w/b at 20'
295	188524	11736	0	4.6 clay
296	188538	11741	0	22.9 clay
297	188539	11741	22.9	24.4 gravelly with c
298	188542	11743	0	2.1 silt
5290	327493	63403	33.5	105.2 shale & sands
299	188543	11743	2.1	5.5 gravel
300	188544	11744	0	10.4 all clay
301	188565	11760	0	1.5 clay
302	125561	11762	0	4.3 gravel and cla
303	125562	11773	0	2.4 mostly white c
304	188587	11780	0	4.9 clay
305	76496	11782	0	1.8 sandstone
306	76492	11782	0	3.7 well # 1
307	76497	11782	1.8	3.7 blue clay
308	76498	11782	1.8	3.7 blue clay
309	76495	11782		1.8 sandstone
310	76493	11782		3.7 sandstone  wε
311	76494	11782		3.7 sandstone we
312	188595	11787	0	5.5 blue clay
313	125563	11792	0	5.5 clay and blue
314	188598	11793	0	0.6 soil
315	188599	11793	0.6	11.3 sandy silt with
316	188601	11797	0	15.2 clay
317	188602	11797	15.2	16.8 quicksand (so
318	188608	11806	0	36.9 clay
319	188609	11806	36.9	37.2 black sand w/
320	125564	11807	0	25 mostly just cla
321	188614	11815	0	2.1 sand
322	188615	11815	2.1	2.4 clay
323	125571	11821	0	8.5 mostly blue cl
324	188626	11825	0	3 clay
325	188627	11825	3	3.2 fine gravel w/l
326	188628	11825	3.2	3.7 clay
327	125572	11829	0	10.4 layers of silt a
328	125573	11830	0	8.2 brown clay an
329	188658	11847	0	0.6 clay
330	188679	11864	0	6.1 all clay
331	188682	11866	0	10.1 gumbo clay, v



332	76499	11869	0	1.2 clay
333	76500	11869	1.2	1.8 gravel
334	76501	11869	1.8	6.1 clay and gravel
335	76502	11869	6.1	7.9 blue clay
336	76503	11869	7.9	9.1 gravel
337	76504	11869	9.1	12.8 gravel and blue
338	76505	11869	12.8	30.5 blue clay
339	76506	11869	30.5	37.2 sandy shale, v
340	188687	11870	0	6.7 clay and shale
341	188688	11870	6.7	9.8 probably shale
342	125574	11885	0	6.4 clay and gravel
343	125575	11885	6.4	8.8 sandy blue clay
344	125576	11885	8.8	9.1 sand
345	125577	11885	9.1	13.4 clay and bouk
346	125578	11885	13.4	17.7 soft brown cla
347	125579	11885	17.7	20.7 soft gumbo
348	125580	11885	20.7	22.3 brown clay an
10391	438927	105113	53.3	57.9 sand & sands
349	125581	11885	22.3	24.7 brown clay an
350	125582	11886	0	0.5 silty soil
351	125583	11886	0.5	8.5 blue clay with
352	125585	11891	0	8.5 mostly all gun
354	125586	11896	0	17.4 gumbo clay
355	125587	11896	17.4	18 rock formatior
356	125588	11897	0	21.9 clay - at botto
357	188724	11901	0	2.4 blue clay
358	125589	11902	0	4.9 all clay
359	125590	11906	0	3 all gumbo clay
360	188731	11908	0	15.2 all gumbo clay
361	125591	11915	0	2.4 gumbo clay
362	125592	11915	2.4	3 solid rock
363	125593	11919	0	12.2 gumbo clay, v
364	188756	11925	0	64 rock (gravel s
365	188757	11926	0	15.2 silt with a little
366	125594	11928	0	19.8 gumbo clay
367	125595	11928	19.8	27.4 fine sand w/b
368	125596	11928	27.4	48.8 graduates into
369	76507	11930	0	42.7 clay and guml
370	76508	11930	42.7	43 weathered sh:
371	188786	11940	0	6.7 clay
372	188787	11940	6.7	12.2 silt
373	125597	11942	0	6.1 gumbo clay si

374	125598	11943	0	23.5 siluch dug (24
375	125599	11943	23.5	24.4 sandstone
376	125600	11943	24.4	30.2 clay and grav
377	125601	11943	30.2	30.8 sand
378	125602	11943	30.8	37.2 clay and grav
379	125603	11943	37.2	38.1 sand
380	125604	11943	38.1	43.6 clay and grav
381	125605	11943	43.6	43.9 sand
382	188788	11944	0	3.7 brown clay an
383	188789	11944	3.7	4.3 gravel
384	188790	11944	4.3	6.1 sand
385	188791	11944	6.1	9.1 blue clay
386	188792	11944	9.1	17.4 blue clay and
387	188793	11944	17.4	18 sandstone an
388	188794	11944	18	20.1 blue clay
389	188795	11944	20.1	21.3 sandstone
390	188796	11944	21.3	22.9 blue clay and
391	188797	11944	22.9	26.8 brown clay an
392	188798	11944	26.8	27.4 sand
393	188799	11944	27.4	30.5 blue clay and
394	188800	11944	30.5	44.8 sand
395	125606	11950	0	9.1 blue clay - sha
396	188820	11956	0	1.5 creek gravel
397	188821	11956	1.5	6.7 blue gumbo cl
398	188822	11957	0	3 sand and grav
399	188823	11957	3	4.9 blue gumbo cl
400	125607	11959	0	29.3 -all blue clay v
401	188835	11966	0	3.4 hardpan
402	125609	11969	0	8.5 clay
403	125608	11969	0	9.8 clay, does not
404	125610	11969	8.5	9.1 coarse gravel
405	125611	11970	0	17.1 gumbo clay w
406	2564	13416	0	3 clay
407	2565	13416	3	21.3 shale
408	2566	13417	0	7.6 silty clay and
409	2567	13417	7.6	30.5 hard shale an
410	189297	13421	0	4.6 clay with some
411	189298	13422	0	91.4 silt with some
412	189300	13424	0	12.2 mostly silt
413	127013	13425	0	25 test hole #1
414	127015	13425	2.1	18.9 mostly very sc
415	127017	13425	2.1	21.3 very soft clay

416	127018	13425	21.3	25 stiff silts
417	127014	13425		2.1 organic sand
418	127016	13425		2.1 very soft silt
419	127019	13426	0	8.5 blue clay
420	127020	13426	8.5	9 fine sand
421	127021	13427	0	21.3 clay and gravel
422	2568	13428	1.8	12.2 fractured shale
423	127023	13429	0	4.6 clay
424	127024	13429	4.6	6.1 coarse gravel
425	189301	13430	0	15.2 silty clay
426	189306	13432	0	0.9 topsoil
427	189307	13432	0.9	1.8 brownish silty
428	189308	13432	1.8	3 gravel
429	189309	13432	3	5.5 hard clay
430	189310	13432	5.5	6.1 quicksand w/t
431	2569	13435	0	10.7 broken shale
432	2570	13435	10.7	19.8 potters clay
433	2571	13435	19.8	25.9 broken shale
434	2575	13435	25.9	32 sandstone-shale
435	2572	13435	32	32.3 quicksand? w
436	2573	13435	32.3	41.1 broken shale
437	2574	13435	41.1	80.8 shalestone (bl)
438	127025	13436	0	30.5 silty
439	127026	13436	30.5	39.6 sand and gravel
440	2576	13443	0	4.6 clay
441	2577	13443	4.6	35.1 shale with a few
442	189321	13448	0	4.3 silt
443	127046	13449	0	3.7 fine sand (mo)
444	127048	13449	2.4	4.3 clay with small
445	127047	13449		2.4 silt
10392	438928	105113	57.9	61.6 sandstone gravel
10393	438929	105113	61.6	62.6 shale black
446	127060	13453	0	15.2 silty clay and gravel
447	76630	13673	0	4.6 clay, gravel and
448	76631	13673	4.6	14 broken shale
449	76632	13673	14	14.3 shale and sand
450	76633	13673	14.3	19.8 broken shale
451	76634	13673	19.8	21.9 black shale and
452	76635	13673	21.9	108.2 layers of shale
453	189876	13923	0	73.2 gumbo clay
454	189877	13923	73.2	79.2 black sand w/
456	189879	13924	10.7	11.3 silt w/b

457	189880	13924	11.3	48.8	gumbo clay
458	2803	13926	0	45.7	gumbo clay
459	2804	13926	45.7	76.2	layers of sand
460	127591	14006	0	91.4	gumbo clay  s
461	127615	14040	0	4.3	mostly gravell
462	190496	14405	0	56.7	gumbo clay
463	190497	14405	56.7	59.7	fine sand w/b
464	190611	14499	0	6.1	sandy clay
465	190612	14499	6.1	9.1	quicksand w/t
466	128119	14500	0	13.7	sandy
467	128120	14500	13.7	18.3	sand and grav
468	128121	14500	18.3	19	pure gravel (d
469	190615	14503	0	4	blue gumbo cl
470	190616	14503	4	4.3	sand w/b
471	190617	14503	4.3	7.3	blue gumbo cl
472	128123	14504	0	11.3	real fine black
473	190618	14505	0	9.1	gravel
474	190619	14506	0	9.1	gumbo clay
475	190620	14507	0	7.6	gumbo clay
476	190621	14507	7.6	9.1	fine light sand
477	190622	14507	9.1	13.7	gumbo clay
478	190626	14510	0	7.6	gumbo clay w
479	190627	14512	0	1.2	blue clay
480	190628	14512	1.2	51.8	silt
481	190629	14512	51.8	54.3	gravel
482	190630	14512	54.3	54.9	sand
483	128397	14710	0	1.5	gravel
484	128398	14710	1.5	9.1	hard blue clay
485	128399	14710	9.1	10	quicksand w/t
486	3224	15000	0	15.2	clay
487	3225	15000	15.2	21.3	shale and san
488	191469	15001	0	30.5	gumbo clay
489	191470	15003	0	2.4	clay
490	191594	15115	0	10.1	mixed shale &
491	128948	15116	0	15.2	all gravel
3826	35400	52748	1.2	5.5	brown till
492	128957	15128	0	36.6	gumbo clay  -
493	3369	15314	0	4.6	gumbo clay
494	3370	15314	4.6	10.7	sandstone (w/
495	3371	15314	10.7	15.2	shale or sand:
496	3372	15315	0	13.7	gumbo clay
497	3373	15315	13.7	21.3	shale and san

498	3374	15316	0	54.9	gumbo clay
499	3375	15316	54.9	64	shale and san
500	3376	15318	0	36.6	gumbo clay
501	3377	15318	36.6	53.3	shale and san
502	191982	15320	0	26.2	blue gumbo cl
503	191983	15320	26.2	30.5	black fine san
504	191984	15320	30.5	65.5	blue gumbo cl
505	191985	15321	0	30.5	gumbo clay
506	191986	15321	30.5	36.6	clay and grave
507	191987	15321	36.6	100.6	shale with a fe
508	77384	15322	0	91.4	little shale anc
509	77385	15322		91.4	all shale with :
510	3378	15325	0	41.1	gumbo clay
511	3379	15325	41.1	65.5	shale and san
512	3393	15415	0	1.8	clay
513	3394	15415	1.8	91.4	shale with sar
10394	438930	105113	62.6	68.3	sandstone br
10395	438931	105113	68.3	69.8	shale black
514	192219	15512	0	4.3	blue gumbo cl
515	192220	15512	4.3	6.1	sand and grav
516	192221	15513	0	97.5	blue gumbo cl
517	129540	15516	0	9.1	blue gumbo cl
518	129541	15516	9.1	10	sandstone
519	192228	15520	0	54.9	gumbo clay
520	192229	15520	54.9	61	shale
521	192230	15521	0	0.9	gumbo clay
522	192231	15521	0.9	10.7	sand
523	77571	15781	0	36.6	gumbo clay
524	77572	15781	36.6	42.7	cemented pea
525	77573	15781	42.7	103.6	shale
526	77574	15781	103.6	104	sandstone
527	3525	15782	0	39.9	gumbo clay
528	3526	15782	39.9	41.1	sandstone ( w
529	3527	15782	41.1	93	shale
530	3528	15783	0	27.4	gumbo clay
531	3529	15783	27.4	36.6	shale and san
532	3530	15787	0	9.1	hard clay
533	3531	15787	9.1	30.5	shale and san
534	129911	15943	0	51.8	top is gumbo cl
535	192764	15950	0	3.7	gumbo clay
536	192765	15951	0	1.8	gravel
538	3618	15952	0	11	gumbo clay

539	3619	15952	11	11.6 grey rock w/b
540	192767	15953	0	24.4 blue clay with
541	3620	15957	0	30.5 gumbo clay
542	3621	15957	30.5	36.6 boulders
543	3622	15957	36.6	103.6 shale
544	3632	16009	0	40.5 silt
545	3633	16009	40.5	41.1 solid shale
546	193616	16311	0	73.2 clay
547	193617	16311	73.2	100.6 layers of sand
548	130398	16318	0	9.1 gumbo clay
549	130399	16318	9.1	76.2 crumbly hard
550	193717	16444	0	6.1 clay (heavy)
551	193718	16444	6.1	12.2 layers of silty
552	193719	16445	0	27.4 gumbo clay
553	193720	16446	0	213.4 all was a sanc
554	130550	16464	0	12.5 blue gumbo cl
555	130551	16464	12.5	13 rock broke in
556	3823	16465	0	9.1 gumbo clay
557	3824	16465	9.1	36 gravel also qu
558	3825	16465	36	36.6 solid rock w/b
559	3826	16465	36.6	77.7 shale
560	193765	16466	0	4.6 blue gumbo cl
561	77738	16468	0	10.7 gumbo clay
562	77739	16468	10.7	36.6 loose gravel
563	77740	16468	36.6	41.1 quicksand w/t
564	77741	16468	41.1	123.4 rock formatior
565	130559	16470	0	61 blue clay
566	130561	16471	0	42.7 mostly shale (
569	130562	16478	0	54.9 gumbo clay (t
570	130563	16478	54.9	55.5 sandstone
571	130564	16478	55.5	57 sand w/b
572	193769	16479	0	15.2 gumbo clay w
573	130969	16770	0	1.2 sand
574	194398	16774	0	12.2 gumbo clay
575	194399	16774	12.2	13.7 sandstone
576	194400	16774	13.7	16.8 gravel
577	194401	16774	16.8	33.5 gumbo clay
578	194513	16862	0	3 sand
579	194514	16862	3	7.6 clay with smal
580	194547	16914	0	1.2 blue gumbo cl
581	194548	16914	1.2	1.4 sand
582	194549	16914	1.4	11 blue gumbo cl

583	194552	16917	0	10.4 gumbo clay, b
584	131080	16918	0	10.7 clay
585	131081	16918	10.7	11 sandstone
586	194553	16921	0	45.7 gumbo clay
587	3985	16922	0	0.9 blue gumbo cl
588	3986	16922	0.9	4.3 sandstone
589	194554	16923	0	3.7 silt
590	194555	16924	0	19.8 gumbo clay
591	194556	16924	19.8	35.1 gravel
592	194557	16924	35.1	99.1 shale and vre
10396	438932	105113	69.8	73.5 sandstone br
10397	438933	105113	73.5	73.8 shale black
593	131082	16925	0	4.6 top soil
594	131083	16925	4.6	10.7 gumbo clay
595	131084	16925	10.7	23.2 gravel
596	131085	16925	23.2	24 seemed like s
597	4103	17314	0	4.6 clay
598	4104	17314	4.6	182.9 intermittent la
599	4105	17317	0	10.7 gumbo clay - :
600	4106	17317	10.7	12.2 sandpocket w
601	4113	17358	0	20.7 gumbo clay
602	4114	17358	20.7	21.3 shale
603	77938	17360	0	21.3 gumbo clay
604	77939	17360	21.3	22 weathered sh:
605	131581	17362	0	36 gumbo clay
606	131584	17362	30.5	61 fine silty sanc
607	131588	17362	30.5	61 silty fine sand
608	131582	17362	36	61 silty fine sand
609	131585	17362	61	91.4 gumbo clay
610	131586	17362	91.4	97.5 sandstone  wε
611	131583	17362		30.5 gumbo clay
612	131587	17362		30.5 gumbo clay
10398	438934	105113	73.8	74.7 sandstone br
613	195358	17365	0	30.5 gumbo clay
614	195359	17365	30.5	54.9 shale, gravel :
615	195360	17366	0	115.8 gomb - blue c
616	195361	17367	0	29 gravel
617	195362	17368	0	24.4 clay
618	195363	17368	24.4	25.3 hard formatior
619	195364	17368	25.3	30.5 silty fine sand
620	195365	17368	30.5	64 shale
621	195367	17368	64	70.1 small boulder:

622	195366	17368	70.1	76.2	very fine black
623	195370	17371	0	10.7	gumbo clay
624	195371	17371	10.7	10.8	cemented gra
625	195372	17371	10.8	44.5	silt
626	195373	17371	44.5	44.8	gravel(very pe
627	195374	17372	0	4.6	gumbo clay
628	131589	17373	0	30.5	gumbo clay  h
629	195375	17374	0	9.1	gumbo clay
630	195376	17374	9.1	9.4	gravel
631	195377	17374	9.4	29	gumbo clay
632	195378	17374	29	41.1	layers of grav
633	195379	17375	0	41.1	blue gumbo cl
634	131590	17376	0	31.7	blue gumbo cl
635	4115	17377	0	0.9	clay
636	4116	17377	0.9	15.2	sandstone
637	131592	17378	0	6.1	gumbo clay
638	131593	17378	6.1	11.3	brown sandy l
639	195397	17410	0	1.2	fine sand
640	195398	17410	1.2	4.9	blue clay (soft
641	195399	17411	0	3	fine sand
642	195400	17412	0	6.7	blue clay
643	195483	17465	0	5.8	clay
644	195484	17465	5.8	27.4	silty sand and
645	195491	17469	0	5.5	sand and grav
646	195492	17469	5.5	21.3	gravel, silty bi
647	195493	17469	21.3	24.4	loose gravel, l
648	195512	17482	0	15.5	dug hole
649	195513	17482	15.5	47.2	silty sand and
650	195514	17482	47.2	48.2	black clay anc
651	195515	17482	48.2	56.1	brown clay so
652	195516	17482	56.1	58.5	silty sand
653	195517	17482	58.5	81.7	silty sand and
654	195723	17565	0	2.1	brown silt
655	195724	17565	2.1	12.2	med gravel ar
656	195725	17565	12.2	13.7	br silty sand
657	195726	17565	13.7	19.8	grey clay and
658	195727	17565	19.8	31.1	fine silty sand
659	195728	17565	31.1	35.7	gravel, cemer
660	195729	17565	35.7	41.5	broken slate, '
661	4185	17602	0	18.3	clay
662	4186	17602	18.3	24.4	silt
663	4187	17602	24.4	27.4	sand



664	4188	17602	27.4	36.6 loose sand
665	4189	17602	36.6	39.6 clay and fine s
666	4190	17602	39.6	48.8 sandstone
667	4191	17602	48.8	51.8 sandstone and
668	196072	17820	0	2.1 gumbo clay
669	196073	17820	2.1	3.7 seam of grave
670	4241	17822	0	15.2 gumbo clay
671	4242	17822	15.2	21.3 shale and san
672	78091	17827	0	21.3 gumbo clay
673	78092	17827	21.3	51.8 shale with a c
674	196079	17828	0	2.1 gumbo clay
675	4267	17924	0	5.8 gumbo clay
676	4268	17924	5.8	24.1 rocks and clay
677	4269	17924	24.1	29.9 grey clay
678	4270	17924	29.9	61.3 blue clay
679	4271	17924	61.3	61.6 real hard rock
680	4272	17924	61.6	72.2 sandstone w/t
683	132353	17926	0	3.7 blue gumbo cl
10399	438935	105113	74.7	76.2 shale black
10400	438936	105113	76.2	79.2 sandstone br
684	132354	17926	3.7	4 seam of fine s
685	4273	17927	0	1.5 clay mixed wit
686	4274	17927	1.5	4.9 solid shale
687	196158	17930	0	13.7 silt with fine s
688	4275	17932	0	0.9 clay and soil
689	4276	17932	0.9	17.1 sandstone
690	196160	17934	0	3 brown clay
691	196161	17934	3	9.8 blue clay
692	4277	17935	0	3 blueish gumbo
693	4278	17935	3	38.1 hard decomp
694	4279	17935	38.1	39 sandstone w/t
695	4280	17935	39	61 hard decomp
696	196162	17937	0	0.4 soil
697	196163	17937	0.4	1.5 blue clay
698	196164	17937	1.5	24.4 sandy brown
699	196165	17937	24.4	25 silty fine sand
700	196166	17937	25	45.1 brownish yellc
701	4283	17939	0	18.3 clay
702	4284	17939	18.3	82.3 silt deposit
703	4285	17939	82.3	86.9 sandstone
10401	438937	105113	79.2	96 sandstone int
10402	438938	105113	96	96.9 shale sandy b

704	196168	17940	0	6.1 gumbo clay
705	196169	17940	6.1	7.9 boulders cam
706	4286	17941	0	15.2 gumbo clay
707	4287	17941	15.2	19.8 sandstone
708	4288	17953	0	4.6 clay
709	4289	17953	4.6	36.6 shale with a fe
710	132368	17954	0	1.8 silt
711	132369	17954	1.8	4.3 blue clay, sea
712	78306	18463	0	2.4 clay
713	78307	18463	2.4	7.6 bedrock  - goc
714	197161	18466	0	12.2 gumbo clay
715	197162	18466	12.2	12.5 fine silty sand
716	197163	18466	12.5	45.7 gumbo clay
717	197164	18466	45.7	48.8 fine silty sand
718	4505	18499	0	4.6 clay
719	4506	18499	4.6	36.6 shale with a fe
720	133325	18504	0	14.6 gumbo clay  s
721	4507	18505	0	29.3 gumbo clay
722	4508	18505	29.3	29.9 hard rock, cas
723	4509	18505	29.9	39.6 sand rock
724	4510	18505	39.6	41.1 sandstone w/l
10403	438939	105113	96.9	97.5 sandstone br
10404	438940	105113	97.5	112.2 shale black
725	4511	18509	0	22.9 gumbo clay
726	4512	18509	22.9	38.1 shale and san
727	78324	18510	0	27.4 clay
728	78325	18510	27.4	30.5 sand
729	78328	18510	27.4	76.2 shale with a fe
730	78326	18510	30.5	76.2 black hard sh
731	78327	18510		27.4 sandy clay
732	4513	18511	0	18.3 clay and rock
733	4514	18511	18.3	57.9 shale with sar
734	197648	18789	0	1.2 silt
735	197649	18789	1.2	3.4 silty clay
736	197650	18789	3.4	5.2 silty sand
737	197651	18789	5.2	14.9 sticky silty cla
738	197652	18789	14.9	29.3 silty clay -lens
739	197653	18789	29.3	30.5 silty clay - lay
740	197654	18789	30.5	34.4 fine sand laye
741	197655	18789	34.4	39.6 silty clay, lens
742	134202	19058	0	30.5 gumbo clay  s
743	198079	19059	0	36.6 gumbo clay

744	198080	19059	36.6	61 clay and bouk
745	198081	19059	61	76.2 shale
746	78438	19060	0	3 soil
747	78439	19060	3	40.2 shale and san
748	198082	19063	0	38.1 sandy silty cla
749	198083	19063	38.1	39 coarse sand
750	198088	19067	0	36.6 clayey sand
751	198089	19067	36.6	79.2 fine sand w/b
752	198090	19067	79.2	85.3 fine sand
753	198091	19067	85.3	91.4 coarse gravel
754	198092	19068	0	0.6 gumbo clay
755	198093	19068	0.6	1.2 silt
756	198094	19068	1.2	11.3 gumbo clay
757	198095	19068	11.3	12.2 silt with a little
758	4732	19069	0	6.1 gumbo clay w
759	4733	19069	6.1	66.4 shale with inte
761	134203	19071	0	3.7 clay with shal
762	4734	19072	0	4.6 gumbo clay
763	4735	19072	4.6	33.5 streaks od sai
764	198098	19074	0	0.6 silt
765	198099	19074	0.6	1.8 clay
766	198100	19074	1.8	9.1 gravel
767	4736	19075	0	6.1 clay
768	4737	19075	6.1	35.4 shale with sar
769	4738	19078	0	44.2 gumbo clay
770	4739	19078	44.2	45.7 sandstone w/t
771	134204	19080	0	18.3 gumbo clay
3827	35401	52748	5.5	22.9 grey shale (be
772	134205	19080	18.3	74.7 silty sand, gra
773	134220	19095	0	7.3 mostly all a sh
774	198110	19096	0	4.3 all gravel
775	134234	19098	0	14.6 layers of sand
776	198111	19099	0	7.6 clay
777	78452	19100	0	30.5 soft clay
778	78453	19100	30.5	32.9 soapstone (pc
781	198223	19161	2.1	7.6 grey brown va
782	198224	19161	7.6	18.3 grey varved si
783	4858	19350	0	21.3 clay
784	4859	19350	21.3	22.3 lime rock
785	4860	19350	22.3	27.4 silty soil
786	4861	19350	27.4	51.8 shale and soa
787	4862	19350	51.8	54.9 sandstone w/t

788	4938	19639	0	36.6 sandstone
789	4939	19640	0	4.6 clay
790	4940	19640	4.6	57.9 shale and san
791	78635	19757	0	38.1 clay, rocks an
792	78636	19757	38.1	96 shale with the
793	4972	19760	0	3 clay
794	4973	19760	3	11.6 sandstone
10405	438941	105113	112.2	120.1 sandstone int
10406	438942	105113	120.1	129.5 sandstone br
795	4974	19761	0	3 clay
796	4975	19761	3	8.5 sandstone
797	199508	19805	0	4.9 fairly uniform
798	199509	19805	4.9	36.6 very hard sha
799	199515	19807	0	4.9 soil
800	199516	19807	4.9	12.2 dirty gravel
801	199517	19810	0	54.9 blue clay
803	135137	19812	0	2.4 light coloured
804	135138	19814	0	33.5 clay sand  gra
805	135458	19966	0	0.3 silty sandy gra
806	135459	19966	0.3	2.1 fine sand with
807	135460	19966	2.1	4 sandy gravel :
808	5358	20369	0	18.3 blue clay
809	5359	20369	18.3	50.3 white sandsto
810	200874	20372	0	24.4 clay
811	200875	20372	24.4	27.4 shale
812	5363	20439	0	18.3 clay
813	5364	20439	18.3	42.7 shale with sar
814	201057	20441	0	15.2 gumbo clay
815	201058	20441	15.2	16.5 soft mud
816	201059	20441	16.5	17.4 gumbo
817	5365	20442	0	3 clay
818	5366	20442	3	30.5 sandstone
819	136252	20443	0	24.4 clay
820	136253	20443	24.4	24.7 sandstone
822	201061	20444	30.5	91.4 silt with seam:
823	201062	20446	0	39.6 blue gumbo cl
824	78826	20447	0	15.2 clay  sandstor
825	201072	20450	0	0.6 gumbo clay
826	201073	20450	0.6	1.2 sandstone
827	201074	20450	1.2	18.3 gumbo clay
828	136254	20451	0	18.3 clay
829	136255	20451	18.3	18.6 sandstone

831	136257	20452	2.4	7.6 gravel
832	136272	20469	0	88.4 sandy silt loar
833	5372	20471	0	4.6 clay
834	5373	20471	4.6	36.6 shale with a fe
835	136273	20472	0	6.1 silt
836	136274	20472	6.1	45.7 quicksand
837	136275	20472	45.7	51.5 gravel and bo
838	201080	20473	0	3 alternate 2' gr
839	201081	20473	3	4.3 clay
840	201083	20475	0	3.7 boulders and
841	201084	20475	3.7	6.1 black silt
842	78835	20477	0	4.6 clay
843	78836	20477	4.6	36.6 shale with a fe
844	6042	21153	0	6.1 clay
845	6043	21153	6.1	39.6 shale with sar
846	6044	21154	0	9.1 clay
847	6045	21154	9.1	27.4 sandstone wit
848	6046	21155	0	3.7 clay
849	6047	21155	3.7	6.7 silty sand
850	6048	21155	6.7	9.8 sandstone
851	137282	21212	0	12.2 gumbo clay  g
852	202819	21213	0	45.7 gumbo clay
853	202820	21214	0	25.6 clay
854	202821	21214	25.6	28.7 gravel
855	202822	21214	28.7	53.6 shale
856	202823	21214	53.6	56.1 sand
857	202824	21214	56.1	67.1 shale
858	202825	21215	0	13.7 blue clay
859	202826	21216	0	7.6 sand
860	202827	21216	7.6	39.6 mucky clay
861	137283	21217	0	4.9 all blue clay
862	137284	21219	0	6.1 gumbo clay
863	137285	21219	6.1	21.3 ?
864	137286	21219	21.3	22 shale
865	137287	21220	0	38.4 clay rubble (b
867	202834	21222	0	8.2 clay
868	202835	21222	8.2	10.7 shale
869	202836	21222	10.7	12.8 sandstone
10407	438943	105113	129.5	134.7 shale black
870	79103	21223	0	4.6 clay
871	79104	21223	4.6	45.7 shale and san
872	79105	21224	0	12.2 clay

873	79106	21224	12.2	21.3 shale and san
874	202837	21225	0	14.3 gumbo clay
875	202838	21225	14.3	16.2 sandy silt on c
876	202839	21225	16.2	18.3 gumbo clay (s
878	79107	21227	0	24.4 clay
879	79108	21227	24.4	137.2 shale with odc
880	202841	21228	0	7.3 clay with grav
881	202842	21229	0	9.1 clay
882	202843	21229	9.1	9.4 shale
883	202844	21229	9.4	12.8 sand and grav
884	202845	21230	0	3.7 heavy clay
885	202846	21230	3.7	16.8 sandstone
886	202847	21230	16.8	18.9 brown clay
887	202848	21230	18.9	19.8 heavy clay
888	202849	21230	19.8	22.9 sandstone
889	202850	21230	22.9	30.8 black sand
890	202851	21230	30.8	33.5 rock
891	202852	21230	33.5	35.1 brown sand &
892	137288	21231	0	103.6 mostly sandst
893	137289	21232	0	18.3 clay and rocks
894	137290	21232	18.3	67.1 very fine sand
895	137291	21232	67.1	76.2 graduates into
896	79109	21233	0	35.4 sandstone w/t
897	137292	21235	0	30.5 clay, sand and
898	137294	21236	0	25.6 clay sandston
899	137295	21239	0	3.7 all rock and cl
900	202853	21240	0	3.7 rock and clay
901	202854	21240	3.7	4.3 gravel w/b
902	79111	21241	0	27.4 clay and rocks
903	79112	21241	27.4	91.4 shale with odc
904	202855	21242	0	6.7 blue clay (eas
905	202856	21243	0	3.7 coarse gravel
906	6068	21244	0	4.6 clay
907	6069	21244	4.6	36.6 shale with a fe
908	79171	21512	0	3 glacial till
909	79172	21512	3	25.3 fort st john sh:
910	79173	21512	25.3	26.5 hard grey san
911	79174	21512	26.5	30.5 hard grey san
912	79175	21512	30.5	33.5 coarse hard s
913	79176	21512	33.5	36.6 sand and clay
914	79177	21512	36.6	47.2 clay and grey
915	79178	21512	47.2	48.8 clay and sand

916	79179	21512	48.8	50.3 hard grey san
917	79180	21512	50.3	57.9 clay and hard
918	79181	21512	73.2	79.2 hard grey bro
919	6650	21648	0	7 gravel
920	6651	21648	7	12.2 clay
921	6652	21648	12.2	26.2 quicksand
922	6653	21648	26.2	31.1 sandstone, wa
923	6654	21649	0	5.5 gravel
924	6655	21649	5.5	11.6 clay
925	6656	21649	11.6	18.3 sand and grav
926	6657	21649	18.3	26.5 shale
927	6658	21649	26.5	35.1 sandstone, wa
928	79242	21676	0	11 clay, sandy gr
929	79243	21676	11	19.5 dark shaley m
930	79244	21676	19.5	32.3 dark shale, hit
931	79245	21676	32.3	39.6 shale  - 1GPM
932	6702	21695	0	18.3 clay
933	6703	21695	18.3	39.6 shale and san
934	204717	21938	0	27.4 clay
935	204718	21938	27.4	35.1 sandy
936	204719	21938	35.1	45.7 clay
937	138011	22085	0	5.8 clay
938	79368	22091	0	14 in sandstone
939	79379	22110	0	21.3 clay
940	79380	22110	21.3	30.5 shale with sar
941	138039	22111	0	8.5 clay
942	138040	22111	8.5	9 bedrock
943	7013	22112	0	1.2 clay
944	7014	22112	1.2	7.3 sandstone
945	7015	22112	7.3	19.5 gumbo
946	7016	22112	19.5	25.9 sandstone
947	7017	22113	0	27.4 clay (with sma
948	7018	22113	27.4	32 bedrock
949	79381	22114	0	40.2 straight sands
950	138041	22116	0	106.7 gumbo clay w
951	138042	22116	106.7	161.5 silty running to
952	138043	22116	161.5	164.6 began to char
953	138044	22116	164.6	167.6 hard and grav
954	79382	22117	0	4.6 clay
955	79383	22117	4.6	30.5 shale and san
956	7019	22118	0	8.2 clay
957	7020	22118	8.2	10.4 shale w/b

958	138045	22119	0	9.1 -water at 12F
959	205063	22120	0	9.1 clay
960	205064	22120	9.1	9.8 hard shale
961	205065	22121	0	4.6 sand
962	205066	22121	4.6	30.5 clay
963	205067	22121	30.5	39.6 quicksand
964	7021	22123	0	4.6 clay
965	7022	22123	4.6	25.3 shale and san
966	7023	22125	0	4.6 clay
967	7024	22125	4.6	61 shale with inte
968	7025	22125	61	99.1 all sandstone
969	7026	22125	99.1	106.7 shale with sar
971	205073	22127	0	61 clay
972	205074	22127	61	85.3 sand (fine)
973	205075	22128	0	5.5 clay
974	205076	22128	5.5	45.7 shale with sar
975	79384	22129	0	3.7 clay
976	79385	22129	3.7	152.4 shale with a fe
977	7027	22130	0	3 clay
978	7028	22130	3	21.3 sandstone (ha
979	7029	22130	21.3	24.4 gravelly sande
980	7030	22130	24.4	47.9 sandstone (ha
981	7031	22131	0	1.2 clay
982	7032	22131	1.2	2.4 sandstone
983	79386	22132	0	74.7 clay most of tl
984	79387	22132	74.7	76.2 coal seam
985	79388	22132	76.2	77.7 shale - can pu
986	79389	22133	0	4.6 clay
987	79390	22133	4.6	9.8 shale and clay
988	79391	22133	9.8	12.8 shale (black)
989	138046	22134	0	14.6 clay
990	79392	22135	0	57.9 clay
991	79393	22135	57.9	71.6 shale with sar
992	205077	22136	0	8.8 blue gumbo cl
993	205078	22136	8.8	9.1 sand w/b
994	205079	22136	9.1	19.2 blue gumbo
995	7033	22137	0	35.1 clay
996	7034	22137	35.1	65.2 sandstone
997	205080	22138	0	21.3 clay
998	205081	22138	21.3	22.3 gravel seam
999	205082	22138	22.3	23.5 silt or sandsto
1000	205083	22138	23.5	44.8 clay



1001	7035	22139	0	35.1 clay
1002	7036	22139	35.1	76.2 bedrock w/b a
1003	79394	22140	0	6.1 clay and rocks
1004	79395	22140	6.1	24.4 gravel and cla
1005	79396	22140	24.4	56.4 shale with a fe
1006	79397	22142	0	36.6 clay
1007	79398	22142	36.6	45.7 integrated into
1008	205084	22143	0	57.9 clay
1009	205085	22143	57.9	76.2 black shale
1010	79399	22144	0	79.2 clay (become:
1011	79400	22144	79.2	85.3 very fine sand
1012	79401	22144	85.3	94.5 clay changing
1013	79402	22144	94.5	108.2 shale, water a
1014	205778	22450	0	11 gumbo shale
1015	205779	22450	11	12.2 clay boulders
1016	205780	22450	12.2	13.7 sand
1017	205781	22450	13.7	16.5 hit water at 53
1018	79606	22654	0	22.9 clay
1019	79607	22654	22.9	57.9 shale and san
1020	206391	22722	0	3 sand with peb
1021	206392	22722	3	4.9 coarse sand v
1022	206393	22722	4.9	7 fine gravel wit
1023	206394	22722	7	9.1 fine gravel silt
1024	206395	22722	9.1	18.3 silty clay with
1025	206396	22722	18.3	19.8 gravelly silty c
1026	206397	22722	19.8	21.3 sandy clay
1027	206398	22722	21.3	25.9 bouldery clay
1028	206399	22722	25.9	29.9 shale black fo
1029	206400	22723	0	1.5 gravel
1030	206401	22723	1.5	1.8 coarse sand
1031	206402	22723	1.8	3.4 gravel
1032	206403	22723	3.4	6.4 coarse gravel
1033	206404	22723	6.4	11.6 till dark grey c
1034	206405	22723	11.6	12.2 shale
1035	138843	22735	0	2.1 tan, silty, clay
1036	138844	22735	2.1	4.9 silty gravel so
1037	138845	22735	4.9	43.6 till dark grey c
1038	206437	22738	0	2.1 clay pale - me
1039	206438	22738	2.1	4.6 gravel some c
1040	206439	22738	4.6	5.8 coarse sand,
1041	206440	22738	5.8	9.1 till dark grey c
1042	206441	22738	9.1	11.9 shale black fo

1043	138847	22742	0	4.9 gravel, coarse
1044	138848	22742	4.9	12.2 till dark grey, c
1045	138853	22764	0	4.9 coarse gravel
1046	138854	22764	4.9	18.3 till dark grey c
1047	138855	22764	18.3	24.4 coarse sand s
1048	138977	22824	0	33.5 sand, very fine
1049	138978	22824	33.5	36.6 sand coarse v
1050	138979	22824	36.6	80.8 clay light -mec
1051	138980	22824	80.8	92.4 clay and coars
1052	138981	22824	92.4	103.6 same
1053	138982	22824	103.6	120.4 compact sand
1054	138983	22824	120.4	128 till, grey
1055	138984	22824	128	132.3 compact sand
1056	138985	22824	132.3	135.6 clay, silty sand
1057	138986	22824	135.6	140.8 clay, light bro
1058	139052	22879	0	24.4 clay, occat. th
1059	139053	22879	24.4	32.6 clay, stoney g
1060	139054	22879	32.6	43.3 sand, fine - m
1061	139055	22879	43.3	45.7 sand coarse g
1062	139056	22879	45.7	64 sand fine- me
1063	139057	22879	64	70.1 clay, silty ston
1064	139058	22879	70.1	75.6 gravel, fine, si
1065	139059	22879	75.6	82.9 clay, silty ston
1066	139060	22879	82.9	86.9 gravel fine silt
1067	139061	22879	86.9	89.9 gravel, fine, si
1068	139062	22879	89.9	94.5 clay, silty, stor
1069	139063	22879	94.5	97.5 gravel, fine sil
1070	139064	22879	97.5	100.6 clay silty ston
1071	139065	22879	100.6	105.8 gravel, fine sil
1072	139066	22879	105.8	107.3 clay, silty, gre
1073	139067	22879	107.3	109.7 sand, fine - m
1074	139068	22879	109.7	111.3 clay, silty ston
1075	139069	22879	111.3	115.8 silty sandy cor
1076	139070	22879	115.8	126.5 clay, silty gar
1077	139071	22879	126.5	131.1 sand, silty - fir
1078	139072	22879	131.1	137.8 sand, fine gra
1079	139073	22879	137.8	144.8 clay, silty, grit
1080	139074	22879	144.8	152.4 gravel boulder
1081	139075	22879	152.4	161.5 sand gravelly
1082	139076	22879	161.5	166.1 clay, stoney g
1083	139077	22879	166.1	201.2 compact sand
1084	139078	22879	201.2	207.3 shale balck ar

1085	139091	22892	0	9.1 clay, light bro
1086	139092	22892	9.1	15.2 clay, sandy lig
1087	139093	22892	15.2	24.4 clay, gritty, lig
1088	139094	22892	24.4	36.6 clay, frequent
1089	139095	22892	36.6	42.7 clay, sandy, li
1090	139096	22892	42.7	53.6 clay gritty , sc
1091	139097	22892	53.6	56.1 clay, sandy lig
1092	139098	22892	56.1	64 clay, sandy-gr
1093	139099	22892	64	67.1 gravel, soft lig
1094	139100	22892	67.1	77.4 clay, gritty, fre
1095	139101	22892	77.4	79.2 clay, gritty bou
1096	139102	22892	79.2	89.9 shale, dark br
1097	139165	22906	0	21.3 clay, brown, s
1098	139166	22906	21.3	27.4 clay, grey soft
1099	139167	22906	27.4	36 clay, silty, stor
1100	139168	22906	36	42.1 clay, silty, san
1101	139169	22906	42.1	48.2 sand, silty, loc
1102	207506	23182	0	1.2 silt
1103	207507	23182	1.2	4.9 cemented gra
1104	207508	23182	4.9	6.7 loose gravel
1105	207509	23182	6.7	9.1 till
1106	207510	23182	9.1	9.4 shale
1107	139486	23183	0	1.8 cemented gra
1108	139487	23183	1.8	12.2 loose gravel a
1109	139489	23183	12.2	22.9 black sandy c
1110	139490	23183	22.9	27.4 shale  no wat
1111	139488	23183		12.2 brown sand (r
1114	207521	23189	9.1	24.1 clay (seepage
1115	207529	23191	0	9.1 sand and clay
1116	7927	23192	0	3.7 clay
1117	7928	23192	3.7	18.3 shale with sar
1118	7929	23193	0	3.7 clay
1119	7930	23193	3.7	18.3 shale with sar
1120	79756	23194	0	36.6 clay
1121	79757	23194	36.6	91.4 clay graduatin
1122	79758	23194	91.4	94.5 shale and san
1123	207530	23195	0	9.1 clay and sand
1124	79832	23339	0	4.6 clay
1125	79833	23339	4.6	45.7 shale with inte
1127	207911	23423	1.5	3.7 sand, gravel v
1128	207912	23423	3.7	7.9 sand, gravel, l
1130	207914	23423	15.8	23.2 cemented sar

1131	207915	23423	23.2	27.7 hard clay and
1132	8177	23487	0	8.5 clay, rock and
1133	8178	23487	8.5	20.4 soft blue clay
1134	8179	23487	20.4	22.9 layers of clay
1135	208142	23532	0	9.1 rock and grav
1136	208143	23532	9.1	12.2 light coloured
1137	208144	23532	12.2	15.5 sandstone
1138	208145	23532	15.5	18.6 blue clay
1139	208146	23532	18.6	21.9 seams of grav
1140	208147	23533	0	3 sandstone
1141	208148	23533	3	6.1 heavy clay
1142	208149	23533	6.1	7.9 gravel seam
1143	208150	23533	7.9	14 blue clay, sha
1144	208181	23554	0	6.1 heavy rock an
1145	208182	23554	6.1	12.2 blue clay and
1146	208183	23554	12.2	19.8 blue clay and
1147	208244	23587	0	11.6 sandstone
1148	208245	23587	11.6	14.6 white clay
1149	208246	23587	14.6	18.6 blue clay
1150	208247	23587	18.6	29.9 white clay
1151	208248	23587	29.9	32.6 black clay
1152	208249	23587	32.6	39.6 sandstone lay
1153	208250	23587	39.6	50.3 rich brown sai
1154	208330	23643	0	4.6 clay
1155	208331	23643	4.6	5.5 rocks and clay
1156	208332	23643	5.5	15.2 light clay
1157	208333	23643	15.2	18.3 sandy silt soil
1158	208334	23643	18.3	18.6 hard shale roc
1159	8348	23661	0	0.9 blue clay
1160	8349	23661	9.1	13.7 sandstone an
1161	8350	23661	13.7	14.3 gravel
1162	8351	23661	14.3	14.9 blue clay
1163	8352	23661	14.9	15.8 coal
1164	8353	23661	15.8	18.3 layers of coal
1165	8354	23661	18.3	21.3 waterm shale
1166	8355	23661	21.3	25.9 small rock anc
1167	140272	23727	0	15.2 small rocks ar
1168	140273	23727	15.2	30.5 sand and san
1169	140274	23727	30.5	33.2 hard clay and
1170	140275	23727	33.2	45.4 loose sand
1171	140276	23727	45.4	70.7 loose sand wi
1172	79974	23759	0	15.2 clay and rock

1173	79975	23759	15.2	25 muddy clay
1174	79976	23759	25	39 sand
1175	79977	23759	39	53 sandrock, thin
1176	8465	23779	0	8.5 clay and rocks
1177	8466	23779	8.5	9.8 sand and grav
1178	8467	23779	9.8	19.2 clay and heav
1179	8468	23779	19.2	23.5 hard shale an
1180	140363	23798	0	8.5 clay and rocks
1181	140364	23798	8.5	11 blue clay
1182	140365	23798	11	14 sand and grav
1183	140366	23798	14	14.3 blue clay and
1184	208895	23856	0	9.1 blue clay
1185	208896	23856	9.1	9.8 rock
1186	208897	23856	9.8	21.3 soft sandston
1187	208898	23856	21.3	27.4 soft shale
1188	208899	23856	27.4	28 shale and har
1189	208900	23856	28	39.6 sandstone
1190	208901	23856	39.6	40.2 hard layer, sa
1191	208902	23856	40.2	45.7 light blue clay
1192	208903	23856	45.7	46.3 hard black roc
1193	208904	23856	46.3	61.6 black shale
1194	208905	23856	61.6	63.1 grey clay
1195	208906	23856	63.1	68.3 sand, blue cla
1196	208907	23856	68.3	70.7 fine sand, san
1197	208908	23856	70.7	74.7 fine sand laye
1198	208909	23856	74.7	75.9 hard shale
1199	208910	23856	75.9	76.5 sandstone
1200	208911	23856	76.5	92.4 sand and sand
1201	140459	23867	0	6.1 brown clay, sr
1202	140460	23867	6.1	18.3 blue clay
1203	140461	23867	18.3	21.3 blue clay, gra
1204	140462	23867	21.3	24.4 gravel, clay, s
1205	140463	23867	24.4	32 silt and sand
1206	140464	23867	32	32.6 gravel
1207	8548	23882	0	7.6 clay
1208	8549	23882	7.6	12.2 sandstone
1209	8550	23882	12.2	15.2 clay
1210	8551	23882	15.2	18.3 shale and clay
1211	8552	23882	18.3	19.8 grey sand anc
1212	8553	23882	19.8	32.3 shale and wat
1213	80012	23904	0	9.1 brown clay, la
1214	80013	23904	9.1	9.4 sand

1215	80014	23904	9.4	11.3 sandy clay
1216	80015	23904	11.3	11.6 sand
1217	80016	23904	11.6	12.8 gumbo
1218	80017	23904	12.8	14 sandstone
1219	80018	23904	14	14.3 sandstone and
1220	80019	23904	14.3	15.8 blue clay   - es
1221	8639	23964	0	5.8 clay & rock
1222	8640	23964	5.8	6.7 pea gravel
1223	8641	23964	6.7	7.6 clay
1224	8642	23964	7.6	20.4 soft sandstone
1225	8643	23964	20.4	29 soft & hard sa
1226	8644	23964	29	36 shale
1227	8645	23964	36	37.5 hard shale
1228	8646	23964	37.5	38.1 soft shale
1229	8647	23964	38.1	40.8 hard shale
1230	8648	23964	40.8	44.5 brown water-t
1231	140834	24112	0	14 blue clay
1232	140835	24112	14	14.2 hard shale
1233	140836	24112	14.2	14.6 gravel and wa
1234	140837	24112	14.6	18.3 blue clay
1235	140838	24112	18.3	18.6 coal seam
1236	140839	24112	18.6	24.7 gumbo
1237	140840	24112	24.7	26.8 sandy mud
1238	140841	24112	26.8	28.3 clay and quick
1239	140842	24112	28.3	29 hard sand roc
1240	80132	24119	0	3.7 clay  clay.
1241	80133	24119	3.7	4.3 layers of flat r
1242	80134	24119	4.3	4.6 clay with sanc
1243	80135	24119	4.6	13.4 sand rock, wit
1244	80137	24173	0	3 clay and rock
1245	80138	24173	3	10.7 rock and blue
1246	80139	24173	10.7	24.7 blue clay, hitti
1247	80140	24173	24.7	29 shale and mo
1248	80218	24442	0	7.6 clay  hard sha
1249	80235	24457	0	54.9 clay and rocks
1250	80236	24457	54.9	91.4 shale and san
3215	259471	45995	9.4	30.8 clay
1251	8959	24458	0	36.6 clay and smal
1252	8960	24458	36.6	47.2 a type of shal
1253	80374	24795	0	10.7 clay and rock
1254	80375	24795	10.7	15.2 blue clay
1255	80376	24795	15.2	26.5 gravel, sand a

1256	80377	24795	26.5	29 sand
1257	80378	24795	29	30.2 shale  - water
1258	141582	24796	0	15.2 sandstone and
1259	141583	24796	15.2	24.4 white clay and
1260	141584	24796	24.4	26.2 hard sandstone
1261	141585	24796	26.2	32 blue clay layer
1262	141586	24796	32	36.6 yellow clay
1263	141587	24796	36.6	38.7 blue clay and
1264	141588	24798	0	5.8 clay and rock
1265	141589	24798	5.8	6.7 pea gravel
1266	141590	24798	6.7	7.6 clay
1267	141591	24798	7.6	20.4 soft sandstone
1268	141592	24798	20.4	29 soft and hard
1269	141593	24798	29	36 shale
1270	141594	24798	36	37.5 hard shale
1271	141595	24798	37.5	38.1 soft shale
1272	141596	24798	38.1	40.8 hard shale
1273	141597	24798	40.8	44.5 brown shale and
1274	80428	24926	0	24.7 clay and rocks
1275	80429	24926	24.7	31.4 blue clay
1276	80430	24926	31.4	35.1 shale
1277	80431	24926	35.1	35.7 hard shale and
1278	211825	25059	0	24.4 gravel and clay
1279	211826	25059	24.4	26.2 sand, clay, wa
1280	9545	25060	0	24.4 clay, rocks, pe
1281	9546	25060	24.4	26.8 brown clay
1282	9547	25060	26.8	37.2 blue clay
1283	9548	25060	37.2	38.1 sandstone
1284	9549	25060	38.1	44.2 water and sha
1285	211827	25061	0	51.8 blue clay and
1286	211828	25061	51.8	54.9 gravel and cla
1287	211829	25061	54.9	76.2 blue clay and
1288	141875	25062	0	6.1 gravel and cla
1289	141876	25062	6.1	10.7 blue clay
1290	141877	25062	10.7	17.1 blue clay and
1291	141878	25063	0	21.3 brown clay
1292	141879	25063	21.3	22.9 fine sand - wa
1293	9588	25140	0	7.6 till
1294	9589	25140	7.6	50.3 shale
1295	9590	25140	50.3	62.5 sandstone
1296	9591	25140	62.5	99.1 shale
1297	9592	25140	99.1	108.2 sandstone

1298	9593	25140	108.2	126.5 shale
1299	9594	25140	126.5	137.2 sandstone
1300	9595	25140	137.2	152.4 shale
1301	212305	25195	0	6.1 clay and large
1302	212306	25195	6.1	18.3 gravel and br
1303	212307	25195	18.3	45.7 sand
1304	212308	25195	45.7	46.6 blue clay
1305	212309	25195	46.6	78 hard shale
1306	142087	25196	0	5.5 clay
1307	142088	25196	5.5	7.9 sandstone
1308	142089	25196	7.9	17.1 sand
1309	142090	25196	17.1	18.3 blue clay and
1311	142092	25196	19.2	21.9 blue clay and
1312	142093	25196	21.9	25.9 brown clay an
1313	142094	25196	25.9	48.8 brown clay an
1314	142095	25196	48.8	61 shale
1315	142096	25196	61	70.1 white clay
1316	142097	25196	70.1	80.5 light brown cl
1317	212310	25197	0	11 clay and sand
1318	9690	25255	0	18.3 shale
1319	9691	25255	18.3	29.3 sandstone
1320	9692	25255	29.3	44.5 shale
1321	9693	25255	44.5	65.2 sandstone
1322	9694	25255	65.2	76.2 shale
1323	9695	25255	76.2	82.3 sandstone
1324	80568	25272	0	3 clay
1325	80569	25272	3	19.8 shale
1326	80570	25272	19.8	30.5 sandstone
1327	80571	25272	30.5	45.7 shale
1328	80572	25272	45.7	64 sandstone
1329	80573	25272	64	82.9 shale  - value:
1330	142233	25312	0	0.6 clay, topsoil a
1331	142234	25312	0.6	5.2 clean gravel, i
1332	142235	25312	5.2	7.9 silt
1333	142236	25312	7.9	8.2 silty fine sand
1334	142237	25312	8.2	9.8 silty clay
1335	142238	25312	9.8	21.3 hard clay with
1336	142239	25312	21.3	36.6 compact clay
1337	9742	25315	0	5.5 brown clay
1338	9743	25315	5.5	12.5 blue clay
1339	9744	25315	12.5	16.5 sandy grey cl
1340	9745	25315	16.5	23.5 shale



1341	9746	25315	23.5	39.6 blue clay
1342	142259	25317	0	3.7 gravel mediur
1343	142260	25317	3.7	6.7 silty clay
1344	142261	25317	6.7	7.6 silty fine to m
1345	142262	25317	7.6	9.8 sand fine to r
1346	212699	25370	0	20.7 gravel and cla
1347	212700	25370	20.7	22.9 grey clay and
1348	212701	25370	22.9	24.4 blue clay and
1349	212702	25370	24.4	29 gravel, light sl
1350	80673	25477	0	1.2 clay
1351	80674	25477	1.2	4 gravelly silt
1352	80675	25477	4	7 sandy clay
1353	80676	25477	7	12.8 fine sandy silt
1354	80677	25477	12.8	20.1 fine sand and
1355	80678	25477	20.1	83.8 med hard sha
1356	213046	25517	0	5.8 sandy clay an
1357	213047	25517	5.8	6.4 pea gravel
1358	213048	25517	6.4	14.6 blue clay
1359	213049	25517	14.6	15.5 sand
1360	213050	25517	15.5	17.7 blue clay
1361	213051	25517	17.7	18.6 sandstone
1362	213052	25517	18.6	20.4 blue clay
1363	213053	25517	20.4	21 sandstone
1364	213054	25517	21	22.3 blue clay
1365	213055	25517	22.3	23.2 sandstone
1366	213056	25517	23.2	25.6 clay
1367	213057	25517	25.6	25.9 sandstone
1368	80693	25518	0	7.9 brown clay an
1369	80694	25518	7.9	15.2 blue clay
1370	80695	25518	15.2	23.2 grey shale an
1371	80696	25518	23.2	25.9 dark shale  - y
1372	9868	25519	0	4.3 brown, sandy
1373	9869	25519	4.3	6.1 sandstone an
1374	9870	25519	6.1	15.2 brown clay an
1375	9871	25519	15.2	15.5 sand
1376	9872	25519	15.5	21.3 blue clay and
1377	9873	25519	21.3	25.9 blue clay and
1378	9874	25519	25.9	27.4 dark shale gra
1379	142507	25520	0	5.5 brown, sandy
1380	142508	25520	5.5	7.3 sand
1381	142509	25520	7.3	21.3 blue clay and
1382	142510	25520	21.3	21.9 sand

1383	142511	25520	21.9	30.5 clay and grav
1384	142512	25520	30.5	35.4 blue clay  - wa
1385	213972	25880	0	12.2 blue clay and
1386	10239	26019	0	4.6 clay
1387	10240	26019	4.6	140.2 shale and san
1388	143446	26317	0	24.4 clay and rocks
1389	143447	26317	24.4	27.4 pea gravel
1390	143448	26317	27.4	39.6 blue clay
1391	143449	26317	39.6	40.2 sand rock
1392	143450	26317	40.2	45.7 blue clay and
1393	10589	26330	0	35.1 clay and rock
1394	10590	26330	35.1	38.7 solid rock laye
1395	10591	26330	38.7	45.4 blue clay
1396	10592	26330	45.4	45.7 shale and wat
1397	143465	26332	0	27.1 brown clay an
1398	143466	26332	27.1	27.4 blue clay and
1399	143470	26343	0	15.2 brown clay an
1400	143471	26343	15.2	21.9 blue clay then
1401	10597	26345	0	15.2 clay
1402	10598	26345	15.2	53.3 sand
1403	10599	26345	53.3	61 sandstone, wa
1404	10600	26346	0	4 clay
1405	10601	26346	4	45.1 shale
1406	81024	26347	0	1.2 clay
1407	81025	26347	1.2	12.2 sandstone an
1408	143615	26433	0	34.4 brown clay an
1409	143616	26433	34.4	36.6 brown clay an
1410	143698	26511	0	36.3 clay and pea (
1411	143699	26511	36.3	36.6 solid pea grav
1412	143712	26529	0	37.5 clay & layers (
1413	81128	26558	0	12.2 clay
1414	81129	26558	12.2	36.6 shale with sar
1415	143729	26580	0	12.2 brown clay an
1416	143730	26580	12.2	13.1 hard rock laye
1417	143731	26580	13.1	22.9 blue clay
1418	143732	26580	22.9	29.3 brown clay
1419	143733	26580	29.3	33.5 blue clay then
1420	143745	26588	0	13.7 blue clay and
1421	143746	26588	13.7	14.3 shale
1422	143747	26588	14.3	18.3 blue clay laye
1423	143748	26588	18.3	24.4 brown clay the
1424	216002	26622	0	21.3 soft grey clay

1425	216003	26622	21.3	30.5 hard blue clay
1426	216004	26622	30.5	30.8 brown clay an
1427	216185	26681	0	9.1 blue clay
1428	216186	26681	9.1	27.4 brown clay an
1429	216187	26681	27.4	42.7 sandstone an
1430	216188	26681	42.7	57.9 shale and wat
1431	216189	26681	57.9	60 black sand, st
1432	216190	26681	60	77.7 blue clay and
1433	81175	26683	0	9.1 clay
1434	81176	26683	9.1	112.8 shale and san
1435	81177	26684	0	21.3 clay
1436	81178	26684	21.3	88.4 shale and san
1437	81179	26685	0	9.1 clay
1438	81180	26685	9.1	128 shale and san
1439	216461	26789	0	15.2 blue clay and
1440	216462	26789	15.2	24.4 brown clay sa
1441	216463	26789	24.4	27.4 blue clay
1442	216464	26789	27.4	30.5 blue clay sanc
1443	216465	26789	30.5	31.1 sand and shal
1444	216490	26797	0	6.1 sandy clay
1445	216491	26797	6.1	12.2 blue clay som
1446	216492	26797	12.2	15.8 dark grey clay
1447	216493	26797	15.8	21.9 light brown cl
1448	216494	26797	21.9	25 sandy clay an
1449	10893	26800	0	24.4 blue clay and
1450	10894	26800	24.4	44.5 sandy blue cl
1451	10895	26800	44.5	45.1 shale and wat
1452	10945	26895	0	9.1 clay
1453	10946	26895	9.1	48.8 shale and san
1454	81299	26896	0	6.1 clay
1455	81300	26896	6.1	30.5 shale and san
1456	216931	26943	0	6.7 brown sandy c
1457	216932	26943	6.7	11 sandy clay an
1458	216933	26943	11	18 brown clay
1459	216934	26943	18	18.9 hard clay and
1460	216935	26943	18.9	22.9 sandy clay
1461	216936	26943	22.9	25.9 fine sand
1462	216937	26943	25.9	31.7 hard brown cl
1463	216938	26943	31.7	34.7 sandy brown c
1464	144186	27013	0	6.1 heavy blue cl
1465	144187	27013	6.1	10.7 brown sand cl
1466	144188	27013	10.7	11 solid rock

1467	81359	27049	0	24.4 clay
1468	81360	27049	24.4	39.6 shale and san
1469	144275	27083	0	6.1 heavy clay
1470	144276	27083	6.1	7.3 shale
1471	144277	27083	7.3	7.9 sandy blue cl
1472	144278	27083	7.9	11 blue clay shal
1473	144343	27115	0	6.7 brown clay
1474	144344	27115	6.7	24.4 blue clay
5312	327503	63409	0	33.5 clay
1475	144345	27115	24.4	27.4 white clay
1476	144346	27115	27.4	31.7 hard white cl
1477	144347	27115	31.7	32 shale  - shut c
1478	11261	27226	0	36.6 clay
1479	11262	27226	36.6	91.4 mostly shale (
1480	81437	27227	0	4.6 clay
1481	81438	27227	4.6	91.4 shale  -.5GPM
1482	218443	27521	0	21.3 clay
1483	218444	27521	21.3	27.4 sandy clay - s
1484	218445	27521	27.4	64.6 sand - coarse
1485	11382	27522	0	10.7 clay
1486	11383	27522	10.7	77.7 sandy with silt
1487	11384	27522	77.7	94.5 shale and san
1488	11385	27523	0	9.1 clay
1489	11386	27523	9.1	79.2 sand
1490	11387	27523	79.2	82.3 shale- sandstr
1491	11388	27523	82.3	99.1 water - 320'
1492	218468	27531	0	17.1 gravel
1493	11632	27836	0	10.7 clay
1494	11633	27836	10.7	27.4 shale and san
5422	299236	71086	36.6	42.7 fine silty sand
5423	299237	71086	42.7	100.6 fine sandy silt
1495	11778	28006	0	6.1 clay
1496	11779	28006	6.1	91.4 shale to sand
1497	11780	28007	0	9.1 clay
1498	11781	28007	9.1	41.1 shale and san
1499	219970	28091	0	3 brown clay
1500	219971	28091	3	4.9 gravel - water
1501	219972	28091	4.9	15.2 soft clay
1502	145575	28168	0	11.6 brown clay lig
1503	145576	28168	11.6	26.2 brown sandy (
1504	145577	28168	26.2	37.2 brown coarse
1505	145578	28169	0	32.9 layers heavy t

1506	145579	28169	32.9	50.3 sandy brown c
1507	220166	28170	0	25.9 heavy brown c
1508	220171	28172	0	14.6 blue clay with
1509	220172	28172	14.6	17.7 brown clay sh
1510	220173	28172	17.7	21 sandstone roc
1511	220174	28172	21	23.8 brown clay an
1512	220175	28172	23.8	27.4 fine silty sand
1513	220176	28172	27.4	30.5 heavy blue ck
1514	220177	28172	30.5	40.2 sandy brown c
1515	220178	28172	40.2	41.5 shale
1516	220777	28394	0	11 sand rock - br
1517	220847	28438	0	7.3 heavy brown c
1518	220848	28438	7.3	13.7 sand rock bro
1519	220849	28438	13.7	19.8 black shale ar
1520	220850	28438	19.8	22.9 black sand, st
1521	220851	28438	22.9	24.4 brown clay lig
1523	82102	28474	0	33.5 clay
1524	82103	28474	33.5	182.9 shale and thin
1525	221029	28489	0	36.6 clay
1526	221030	28489	36.6	54.9 shale and san
1527	12231	28655	0	36.6 clay and rocks
1528	12232	28655	36.6	57.9 shale and san
1529	12340	28775	0	3 clay
1530	12341	28775	3	36.6 shale and san
1531	12371	28801	0	1.5 clay
1532	12372	28801	1.5	22.9 shale and san
1533	12373	28803	0	4.6 clay
1534	12374	28803	4.6	42.7 shale and san
1535	12375	28808	0	6.1 clay
1536	12376	28808	6.1	39.6 shale and san
1537	12377	28810	0	4.6 clay
1538	12378	28810	4.6	33.5 shale and san
1539	82373	29099	0	24.4 clay
1540	82374	29099	24.4	86.9 mostly sandst
1541	12674	29204	0	29 clay
1542	12675	29204	29	36.6 shale to sand
1543	12679	29212	0	4.6 clay
1544	12680	29212	4.6	152.4 shale and san
1545	223835	29609	0	152.4 clay and sand
1546	223836	29609	152.4	179.8 clay and some
1547	223837	29609	179.8	198.1 shale
1548	12896	29610	0	42.7 clay and layer

1549	12897	29610	42.7	94.5 shale and sand
1550	223838	29611	0	50.3 clay, sand and
1552	223840	29613	0	56.4 sand and grav
1553	12898	29614	0	79.2 clay and sand
1554	12899	29614	79.2	96 shale and sand
1555	12900	29615	0	6.1 clay
1556	12901	29615	6.1	39.6 shale and sand
1557	223841	29616	0	3 heavy brown c
1558	223842	29616	3	18.3 blue clay and
1559	223843	29616	18.3	21.3 rock and blue
1560	223844	29617	0	38.1 clay
1561	223845	29617	38.1	73.2 shale and sand
1563	223847	29618	25.9	32 shale and sand
1564	223848	29619	0	53.9 clay and sand
1565	223849	29620	0	86.9 clay
5424	48440	71087	0	6.1 sand some gr
5425	48441	71087	6.1	9.1 gravel
5426	48442	71087	9.1	16.8 clay
1566	223850	29620	86.9	100.6 shale and sand
1567	223851	29621	0	24.4 sandy clay
1568	223852	29621	24.4	48.8 sand in layers
1569	223853	29621	48.8	50.3 gravel
1570	223854	29622	0	1.2 black silt
1571	223855	29622	1.2	3 black clay and
1572	223856	29622	3	6.7 blue clay
1573	223857	29622	6.7	9.1 blue clay and
1574	223858	29622	9.1	12.2 shale
1575	223859	29622	12.2	13.7 shale layers w
1576	223860	29622	13.7	22.9 blue clay
1577	223861	29622	22.9	23.8 silt
1578	223862	29622	23.8	24.1 silt and sand
1579	223863	29622	24.1	27.1 silt sand and s
1580	223864	29622	27.1	27.7 silt, larger gra
1581	223865	29622	27.7	30.2 black shaley c
1582	223866	29622	30.2	30.5 hard shale sh
1583	223867	29622	30.5	30.8 water, soft bla
1584	223868	29623	0	54.9 clay and sand
1585	223869	29624	0	117.3 clay and sand
5427	48443	71087	16.8	18.6 till
5428	48444	71087	18.6	93 shale
1586	223870	29624	117.3	123.4 shale to sand:
1587	12902	29625	0	27.4 clay

1588	12903	29625	27.4	86.9 shale and sand
1589	223871	29626	0	25.9 clay
1590	223872	29626	25.9	32 shale and sand
1591	147228	29627	0	0.6
1592	147229	29627	0.6	13.4 silt and clays
1593	147230	29627	13.4	15.2 sand and gravel
1594	147231	29627	15.2	16.2 silty clay
1595	147232	29627	16.2	17.4 sand and gravel
1596	147233	29627	17.4	19.2 silty clay
1597	147234	29627	19.2	34.1 sand some silt
1598	147235	29627	34.1	45.1 sand fine to medium
1599	147236	29627	45.1	51.2 till
1600	147237	29627	51.2	112.8 shale with sand
1601	223873	29628	0	68.6 clay, sand and gravel
1602	13179	30049	0	13.7 clay
1603	13180	30049	13.7	38.1 shale to sandstone
1604	147842	30258	0	3 brown clay
1605	147843	30258	3	6.7 brown clay and silt
1606	147844	30258	6.7	22.6 hard layers, sandstone
1607	147845	30258	22.6	37.8 soft sandstone
1608	147846	30258	37.8	41.5 brown clay and silt
1609	147847	30258	41.5	55.2 sandstone
1610	147848	30258	55.2	55.5 fine sand and silt
1611	225948	30398	0	61 clay sand & gravel
1612	148024	30469	0	6.1
1613	148025	30469	6.1	17.7 silt and water
1614	148026	30469	17.7	19.2 brown clay, gravel
1615	83282	30682	0	12.2 rocks- heavy clay
1616	83283	30682	12.2	27.4 blue clay
1617	83284	30682	27.4	32.9 brown clay
1618	83285	30682	32.9	33.1 shale, water
1619	13655	30765	0	24.4 broken shale,
1620	13656	30765	24.4	49.7 grey shale w/lt
1621	227281	30952	0	4.3 heavy blue clay
1622	227282	30952	4.3	10.7 heavy grey clay
1623	227283	30952	10.7	14.3 blue grey clay
1624	227284	30952	14.3	18.3 hard shale with
1625	227285	30952	18.3	19.8 hard shale, heavy
1626	227397	30984	0	1.5 brown clay
1627	227398	30984	1.5	6.1 brown clay, heavy
1628	227399	30984	6.1	7 sand (water)
1629	13832	30997	0	6.1 clay

1630	13833	30997	6.1	41.1 shale to sand:
1631	13837	31012	0	4.6 clay
1632	13838	31012	4.6	36.6 shale and san
1633	227882	31174	0	12.2 blue clay
1634	227883	31174	12.2	15.2 brown clay
1635	227884	31174	15.2	17.1 small pea gra
1636	227885	31174	17.1	18.3 grey clay, larg
1637	227886	31174	18.3	18.9 hard shaley cl
1638	227887	31174	18.9	21.3 soft blue clay
1639	227888	31174	21.3	22.3 hard clay sma
1640	227889	31174	22.3	25.3 soft grey clay
1641	227890	31174	25.3	27.1 hard blue clay
1642	227891	31174	27.1	33.5 soft silty clay
1643	227892	31174	33.5	40.2 blue clay sma
1644	148734	31175	0	12.8 heavy clay roc
1645	148735	31175	12.8	15.2 heavy blue cl
1646	148736	31175	15.2	24.4 silty clay
1647	148737	31175	24.4	30.2 blue clay with
1648	148738	31175	30.2	32.3 crystal shale,
1649	148784	31243	0	1.5 clay
5429	471847	71088	0	21.3 clay
1650	148785	31243	1.5	6.7 till
1651	148786	31243	6.7	23.2 mixed broken
1652	148787	31243	23.2	23.8 gravel w/b
1653	148788	31243	23.8	24 end of gravel
1654	228279	31324	0	57.9 clay
1655	228280	31324	57.9	77.7 shale and san
1656	148878	31344	0	3.7 blue clay sanc
1657	148879	31344	3.7	8.5 brown heavy c
1658	148880	31344	8.5	11 heavy blue cl
1659	148881	31344	11	11.3 shale and fine
1660	14147	31473	0	13.7 clay
1661	14148	31473	13.7	150.9 shale and san
1662	228655	31475	0	12.2 silty sand bro
1663	228656	31475	12.2	21.3 silty sand ( ve
1664	228657	31475	21.3	29.9 silty clay
1665	228658	31475	29.9	33.5 clay and pebb
1666	228659	31475	33.5	54.9 layers of clay
1667	228660	31475	54.9	58.8 gravel and cla
1668	228661	31476	0	4.6 clay (grey)
1669	228662	31476	4.6	9.1 silty clay grey
5566	299512	72965	16.8	18.9 clay till



1670	228663	31476	9.1	27.4 sticky clay, g
1671	228664	31476	27.4	31.4 silty sand, bro
1672	228665	31476	31.4	36.9 clay and grav
1673	228666	31476	36.9	41.5 shale
1674	228669	31478	0	3 blue clay
1675	228670	31478	3	9.1 white clay hea
1676	228671	31478	9.1	10.7 brown clay sa
1677	228672	31478	10.7	16.8 white clay, ve
1678	228673	31478	16.8	18 brown clay
1679	228674	31478	18	28.3 white clay ver
1680	228675	31478	28.3	29.9 blue clay
1681	228676	31478	29.9	30.2 shale small gr
1682	228677	31478	30.2	36.3 blue clay
1683	228678	31478	36.3	40.5 shale layers a
1684	228769	31528	0	5.5 brown clay
1685	228770	31528	5.5	6.7 heavy blue cla
1686	228771	31528	6.7	7.3 brown clay sa
1687	228772	31528	7.3	8.5 blue sticky cla
1688	228773	31528	8.5	21.3 grey clay - he
1689	228774	31528	21.3	38.4 heavy brown c
5567	299513	72965	18.9	19.8 bedrock
5568	477285	72974	0	25.4 source of wat
5569	477286	72974		24.4 clay gravels
1690	83827	31538	0	1.8 heavy brown c
1691	83828	31538	1.8	9.8 sandy brown c
1692	83829	31538	9.8	12.2 sand layers, h
1693	83830	31538	12.2	14 blue clay
1694	83831	31538	14	14.3 hard shale roc
1695	83832	31538	14.3	15.5 crystal shale -
1696	149060	31563	0	14 heavy brown c
1697	149061	31563	14	22.9 heavy blue cla
1698	149062	31563	22.9	24.4 grey clay
1699	149063	31563	24.4	25.9 black clay, ve
1700	149064	31563	25.9	29 shale coarse
1701	149065	31563	29	36.6 very fine shak
1702	149066	31563	36.6	42.1 coarse softer
1703	149067	31563	42.1	43.3 blue clay
1704	149068	31563	43.3	45.1 shale
1705	149069	31563	45.1	48.8 heavy blue gr
1706	229034	31663	0	9.1 clay and some
1707	229035	31663	9.1	18.3 till
1708	229036	31663	18.3	23.8 w/b gravel and

1709	229055	31672	0	4.3 clay, brown
5570	344175	72976	0	2.1 gravel
5571	344176	72976	2.1	137.2 sandstone & s
1710	229056	31672	4.3	9.1 very sandy sil
1711	229057	31672	9.1	15.2 till
1712	229058	31672	15.2	17.4 gravel and bro
1713	14332	31674	0	6.1 clay brown
1714	14333	31674	6.1	21.3 till, grey
1715	14334	31674	21.3	25.9 sanstone , bro
1716	14335	31674	25.9	32.9 silt w/b (grey)
1717	14336	31674	32.9	39.6 sandstone bro
1718	14337	31674	39.6	45.7 silt w/b grey
1719	14338	31674	45.7	56.7 shale w/b gre
1720	14346	31682	0	8.5 clay, grey
1721	14347	31682	8.5	21.3 silty clay
1722	14348	31682	21.3	27.4 sandy silt bro
1723	14349	31682	27.4	31.7 mixture of clay
1724	14350	31682	31.7	107.3 shale, black
1725	14351	31682	107.3	147.2 shale, black
1726	229193	31716	0	36.6 clay and grav
1727	229194	31716	36.6	213.4 shale
1728	229255	31741	0	9.1 sandy gravel
1729	229256	31741	9.1	18.3 clay
4591	175252	59529	4.6	26.5 med grey clay
1730	229257	31741	18.3	21.3 sandy silt
1731	229258	31741	21.3	70.1 quicksand
1732	229259	31741	70.1	71.9 water-bearing
1733	14496	31794	0	10.7 clay
1734	14497	31794	10.7	137.2 shale and san
1735	84120	31995	0	4.9 brown till
1736	84121	31995	4.9	9.4 black shalesto
1737	84122	31995	9.4	11.6 sandstone
1738	84123	31995	11.6	13.4 shalestone (w
1739	84129	31995	13.4	17.4 sandstone
1740	84124	31995	17.4	18.6 shalestone (w
1741	84125	31995	18.6	22.6 sandstone
1742	84126	31995	22.6	23.2 shalestone
1743	84127	31995	23.2	25.9 sandstone
1744	84128	31995	25.9	29 sandstone fra
1747	150117	32432	10.4	15.2 blue clay
1748	150118	32432	15.2	16.8 sandy clay an
1749	150119	32433	0	4.3 silty clay

1750	150120	32433	4.3	6.7 heavy clay, sc
1751	150121	32433	6.7	9.4 heavy clay, sil
1752	150122	32433	9.4	13.1 layers of grav
5572	477289	72977	4.6	61 sandstone & s
5573	477288	72977		4.6 compact clay
1753	150123	32434	0	0.6 sandstone
1754	150124	32434	0.6	3 sandy clay
1755	150125	32434	3	13.7 heavy blue cl
1756	150126	32434	13.7	15.8 heavy clay tur
1757	150127	32434	15.8	16.5 sand layer on
1758	230600	32435	0	9.1 brown clay
1759	230601	32435	9.1	11.6 sandstone
1760	230602	32435	11.6	14 rock layers
1761	230603	32435	14	17.1 heacy grey cl
1762	230604	32435	17.1	22.6 heavy blue cl
1763	230605	32435	22.6	23.2 brown flake rc
1764	230606	32435	23.2	27.1 blue grey clay
1765	230607	32435	27.1	30.2 blue heavy cl
1766	230608	32435	30.2	30.5 silty sand and
1767	150283	32636	0	14.6 hard clay
1768	150284	32636	14.6	27.1 sandstone
1769	150285	32636	27.1	37.8 heavy brown c
1770	150286	32636	37.8	45.1 blue grey clay
1771	150287	32636	43.6	45.1 crystal shale,
1772	84547	32637	0	18.3 heavy clay
5950	368279	80284	24.1	92.4 shale
5951	368280	80285	0	7.3 clay
1773	84548	32637	18.3	19.8 shale clay and
1774	84549	32637	19.8	22.9 shale clay sm
1775	231697	32856	0	3 heavy brown c
1776	231698	32856	3	3.7 rock layer
1777	231699	32856	3.7	11.6 sandy clay
1778	231700	32856	11.6	11.7 shale, water
1779	84760	32857	0	1.5 clay
1780	84761	32857	1.5	10.4 sandstone
1781	84762	32857	10.4	10.7 hard flat rock
1782	84763	32857	10.7	14.6 sandstone
1783	84764	32857	14.6	16.8 blue clay
1784	84765	32857	16.8	25.9 sandstone an
1785	84766	32857	25.9	27.4 shale and oil
1786	84767	32857	27.4	30.5 brown sandy c
1787	84768	32857	30.5	31.1 shale and wat

1788	150469	32858	0	3.7 heavy clay
1789	150470	32858	3.7	16.8 sandstone
1790	150471	32858	16.8	18.9 brown clay
1791	150472	32858	18.9	19.8 heavy clay
1792	150473	32858	19.8	22.9 sandstone
1793	150474	32858	22.9	30.8 black sand
1794	150475	32858	30.8	33.5 solid rock
1795	150476	32858	33.5	35.1 brown sand -
1796	231701	32859	0	9.1 brown sandy c
1797	231702	32859	9.1	10.1 hard clay sma
1798	231703	32859	10.1	17.4 silty clay
1799	231704	32859	17.4	23.5 blue clay
1800	231705	32859	23.5	49.4 silty clay and :
1802	150478	32860	3.7	7.9 heavy sticky c
1803	150479	32860	7.9	18.3 silty sticky cla
1804	150480	32860	18.3	20.7 heacy brown c
1805	150481	32860	20.7	32.6 silty clay with
1806	150482	32860	32.6	32.9 coarse clay ar
1807	231814	32911	0	8.2 clay, brown tig
1808	231815	32911	8.2	12.5 tight - grey till
1809	231816	32911	12.5	24.4 coarse till, yel
1810	151009	33371	0	6.1 sandstone brv
1811	151010	33371	6.1	10.7 heavy clay
1812	151011	33371	10.7	16.2 sandy clay - s
1813	151012	33371	16.2	21.6 heavy clay
1814	151013	33371	21.6	21.9 lighter clay  - :
1815	151014	33372	0	3.7 heavy blue cl
1816	151015	33372	3.7	6.1 heavy brown c
1817	151016	33372	6.1	9.4 sandy brown c
5952	368281	80285	7.3	33.8 sandy shale
5953	369445	80594	0	1.5 dry brown clay
1818	151017	33372	9.4	20.7 sandy silt
1819	151018	33372	20.7	22.9 heavy sandy c
1820	151019	33372	22.9	29.9 heavy sticky b
1821	151020	33373	0	4.6 rock blue clay
1822	151021	33373	4.6	9.1 heavy grey cl
1823	151022	33373	9.1	12.8 heacy grey cl
1824	151023	33373	12.8	17.7 shale and blu
1825	151024	33373	17.7	25 wet blue clay
1826	151025	33373	25	37.2 shale, some v
1827	151026	33373	37.2	49.4 sand and brov
1828	151343	33649	0	11.6 brown clay wi

1829	151344	33649	11.6	22.9 brown clay an
1830	151345	33649	22.9	24.4 clay and sand
1831	233511	33693	0	9.1 brown till and
1832	233512	33693	9.1	20.7 dirty gravel
1833	233513	33693	20.7	22.3 clean fine gra
1834	16308	33736	0	9.1 brown silty cla
1835	16309	33736	9.1	12.2 weathered sh:
1836	16310	33736	12.2	15.2 sandstone wit
1837	16311	33736	15.2	18.6 sandstone
1838	16312	33736	18.6	19.8 grey silty clay
1839	16313	33736	19.8	23.8 sandstone
1840	16314	33736	23.8	24.7 grey silty clay
1841	16315	33736	24.7	30.5 sandstone
1842	16316	33736	30.5	67.1 sandstone wit
1843	16317	33736	67.1	76.2 sandstone wit
1844	16318	33736	76.2	79.2 fractures with
1845	151484	33800	0	6.1 heavy brown c
1846	151485	33800	6.1	9.1 sandy brown c
1847	151486	33800	9.1	18.9 heavy brown c
1848	151487	33800	18.9	31.1 sandy brown c
1849	151488	33800	31.1	61 same
1850	151489	33800	61	63.1 crystal shale -
1851	233852	33831	0	0.9 gravel
1852	233853	33831	0.9	3.4 brown silty cla
1853	233854	33831	3.4	3.7 sandstone
1854	233855	33831	3.7	7.3 grey silty clay
1855	233856	33831	7.3	7.6 sandston
1856	233860	33831	7.6	15.2 grey fine sanc
1857	233857	33831	15.2	21.3 grey fine sanc
5954	369446	80594	1.5	3 dry brown clay
1858	233858	33831	21.3	22.9 soft grey clay
1859	233859	33831	22.9	40.2 grey fine sanc
1860	16401	33878	0	4.9 brown till silty
1861	16402	33878	4.9	14.9 grey till with s
1862	16403	33878	14.9	16.2 layer of till wit
1863	16404	33878	16.2	31.4 grey till with s
1864	16407	33878	31.4	47.2 grey silty clay
1865	16408	33878	47.2	50.3 sandstone
1866	16405	33878	50.3	54.9 sandstone wit
1867	16406	33878	54.9	57.9 fractured sanc
1868	16603	34201	0	27.4 clay
1869	16604	34201	27.4	35.1 shale and san

1870	16605	34202	0	19.8 clay
1871	16606	34202	19.8	77.7 shale and san
1872	16607	34203	0	39.6 clay
1873	16608	34203	39.6	198.1 shale and thin
1874	234512	34204	0	36.6 sandy silt
1875	234513	34204	36.6	91.4 shale
1876	152415	34753	0	30.5 sandy brown :
1877	152416	34753	30.5	36.6 heavy blue cla
5048	291375	60532	30.5	36.6 some water
1878	152417	34753	36.6	42.1 shale
1879	152418	34753	42.1	45.1 brown sandy :
1880	235699	34755	0	11 brown sandy c
1881	235700	34755	11	14 heavy blue cla
1882	235701	34755	14	18 hard grey clay
1883	235702	34755	18	25 shale sand se
1884	235703	34755	25	29.3 blue clay
1885	235704	34755	29.3	32 shale
1886	235705	34755	32	32.3 sandy silt- wa
1887	152663	34952	0	15.2 silty brown cla
1888	152664	34952	15.2	17.7 heavy brown c
1889	152665	34952	17.7	19.5 silty brown cla
1890	152666	34952	19.5	20.7 heavy blue cla
1891	152667	34952	20.7	25.6 grey clay sanc
1892	152668	34952	25.6	30.8 heavy blue gr
1893	152669	34952	30.8	35.4 same
1894	152670	34952	35.4	46.9 heavy clay lay
1895	152671	34952	46.9	48.8 blue clay blac
1896	152925	35228	0	8.5 brown sandy c
1897	152926	35228	8.5	9.1 boulders
1898	152927	35228	9.1	13.1 silt gravel - da
1899	152928	35228	13.1	18.6 heavy blue-gr
1900	87161	35231	0	2.4 brown clay sa
1901	87162	35231	2.4	4.3 blue clay sanc
1902	87163	35231	4.3	19.8 blue grey clay
1903	87164	35231	19.8	23.5 blue - grey cla
1904	87165	35231	23.5	25 heavy light br
1905	87166	35231	25	31.4 hard brown cl:
1906	87167	35231	31.4	34.7 heavy sticky b
1907	87168	35231	34.7	36.3 hard brown cl:
1908	87169	35231	36.3	37.5 soft clay
1909	87170	35231	37.5	39 crystal shale,
1910	87171	35231		7.6 water over nig

1911	17564	35232	0	27.4 silt and sand,
1912	17565	35232	27.4	45.7 sandstone an
1913	153132	35428	0	6.1 gravelly clay
1914	153133	35428	6.1	28.7 brown clay wi
1915	153134	35428	28.7	31.1 gravel and sa
1916	153135	35428	31.1	38.4 gravel and sa
1917	153136	35428	38.4	43.3 gravel and sh
1918	153137	35429	0	12.2 heavy brown c
1919	153138	35429	12.2	14 heavy brown c
1920	153139	35429	14	29.6 heavy brown c
5955	369447	80594	3	3.4 weathered sa
1921	153140	35429	29.6	35.4 light brown cl
1922	153141	35429	35.4	37.2 darker brown
1923	153142	35429	37.2	55.5 dark brown cl
1924	153143	35429	55.5	55.8 hard sandstor
1925	153144	35430	0	3.7 heavy brown c
1926	153145	35430	3.7	9.1 sand brown cl
1927	153146	35430	9.1	14 shale, layer d
1928	153147	35430	14	16.2 light blue clay
1929	87611	35637	0	0.6 clay
1930	87612	35637	0.6	1.2 sand rock
1931	87613	35637	1.2	2.4 clay (light bro
1932	87614	35637	2.4	4.6 pea gravel
1933	87615	35637	4.6	9.1 brown clay an
1934	87616	35637	9.1	13.7 shale - oil sho
1935	87617	35637	13.7	14.3 pea gravel
1936	87618	35637	14.3	18.3 shale
1937	87619	35637	18.3	22.9 brown sandy c
1938	87620	35637	22.9	33.5 clay and sand
1939	87621	35637	33.5	34.4 clay with shal
1940	87622	35637	34.4	35.4 gravel and cla
1941	87623	35637	35.4	38.1 sandy clay
1942	87624	35637	38.1	40.5 sandstone lay
1943	87625	35637	40.5	41.5
1944	87626	35637	41.5	43.9 sandstone an
1945	87627	35637	43.9	48.5 shale and clay
1946	87628	35637	48.5	48.8 sandstone an
1947	87806	35845	0	4.3 brown clay an
1948	87807	35845	4.3	5.8 sandy brwon c
1949	87808	35845	5.8	6.7 hard sandstor
1950	87809	35845	6.7	10.7 soft sandston
1951	87810	35845	10.7	29 hard sandstor

1952	87811	35845	29	58.5 hard dark clay
1953	18031	35847	0	36.6 clay
1954	18032	35847	36.6	50.3 sandstone and
1955	153707	35997	0	3 dark brown cl
1956	153708	35997	3	8.2 sandy brown c
1957	153709	35997	8.2	25 heavy clay an
1958	153710	35997	25	38.4 sandy brown c
1959	153711	35997	38.4	45.7 heavy clay, sr
1960	153712	35997	45.7	48.2 dark brown sa
1961	153713	35997	48.2	50 shale and san
1962	153714	35999	0	2.4 clay
1963	153715	35999	2.4	3 rocks and pea
5956	369448	80594	3.4	6.7 sandstone
1964	153716	35999	3	9.1 sandstone an
1965	153717	35999	9.1	12.8 heavy brown c
1966	153718	35999	12.8	16.8 heavy blue cl
1967	153719	35999	16.8	26.2 light coloured
1968	153720	35999	26.2	29.3 hardshale lay
1969	153721	35999	29.3	31.4 hard finer sha
1970	153722	35999	31.4	45.7 hard finer sha
1971	153723	35999	45.7	66.1 fine shale and
1972	18201	36157	0	27.4 silty sand (dry
1973	18202	36157	27.4	27.6 gravel clay lay
1974	18203	36157	27.6	30.2 silty sand, dry
1975	18204	36157	30.2	30.5 gravel clay lay
1976	18205	36157	30.5	39.9 silty sand
1977	18206	36157	39.9	85.3 shale and san
1978	88315	36433	0	21.3 clay, rocks an
1979	88316	36433	21.3	59.4 mixture of sha
1980	88317	36434	0	21.3 rocks, clay an
1981	88318	36434	21.3	74.7 shale and san
1982	88319	36436	0	9.1 clay
5323	327512	63418	24.4	54.9 shale
5957	369449	80594	6.7	13.7 layered grey s
1983	88320	36436	9.1	114.3 shale and san
1984	18385	36437	0	15.2 clay
1985	18386	36437	15.2	50.3 shale and san
1986	18416	36485	0	29 silty, sand anc
1987	18417	36485	29	45.7 shale and san
1988	18418	36486	0	10.7 clay
1989	18419	36486	10.7	68.6 shale and san
1990	154349	36487	0	7.3 brown clay an



1991	154350	36487	7.3	11 sandy brown c
1992	154351	36487	11	15.2 silty clay
1993	154352	36487	15.2	16.8 heavy brown c
1994	154353	36487	16.8	27.1 silty brown cl
1995	154354	36487	27.1	27.7 shale and pea
1996	154355	36488	0	3 brown clay an
1997	154356	36488	3	14.9 blue grey clay
1998	154357	36488	14.9	17.4 dark grey clay
1999	154358	36488	17.4	19.2 grey clay and
2000	154359	36488	19.2	21.9 heavy dark cl
2001	18420	36489	0	1.2 black silt
2002	18421	36489	1.2	3 black clay anc
5958	369450	80594	13.7	38.1 brown sandst
2003	18422	36489	3	6.7 blue clay
2004	18423	36489	6.7	9.1 blue clay and
2005	18424	36489	9.1	12.2 shale
2006	18425	36489	12.2	13.7 shale layers w
2007	18426	36489	13.7	22.9 blue clay
2008	18427	36489	22.9	23.8 silt
2009	18428	36489	23.8	24.1 silt and sand
2010	18429	36489	24.1	27.1 silt and sand
2011	18430	36489	27.1	27.7 silt, larger gra
2012	18431	36489	27.7	30.2 black shalley
2013	18432	36489	30.2	30.5 hard shale sh
2014	18433	36489	30.5	30.8 water soft bla
2015	239110	36490	0	24.2 sandstone an
2016	88369	36491	0	51.8 clay
2017	88370	36491	51.8	64 shale and san
2018	88371	36492	0	10.7 clay
2019	88372	36492	10.7	45.7 shale and san
2020	154360	36493	0	9.1 blue clay and
2021	154361	36493	9.1	19.8 blue grey clay
2022	154362	36493	19.8	22.9 blue clay
5959	369451	80594	38.1	56.4 siltstone
5960	369452	80594	56.4	153.9 siltstone
5961	369453	80595	0	6.1 brown clay
2023	154363	36493	22.9	25.9 gravel and sh
2024	88373	36494	0	7.6 clay
2025	88374	36494	7.6	109.7 sandstone an
2026	239111	36495	0	1.5 brown clay
2027	239112	36495	1.5	6.1 brown clay an
2028	239113	36495	6.1	7 sand heavy cl

2029	239116	36497	0	22.9 clay and rocks
2030	239117	36497	22.9	35.1 gravel
2031	18434	36498	0	10.7 clay
2032	18435	36498	10.7	100.6 sandstone wit
2033	18436	36499	0	4.6 clay
2034	18437	36499	4.6	41.1 shale and san
2035	239118	36500	0	15.2 clay
2036	239119	36500	15.2	27.4 shale and san
2037	239120	36501	0	18.3 clay
2038	239121	36501	18.3	195.1 shale and san
2039	88375	36502	0	15.2 clay
2040	88376	36502	15.2	27.4 shale and san
2041	18438	36504	0	18.3 clay
2042	18439	36504	18.3	48.8 shale and san
2043	18440	36505	0	13.7 clay
2044	18441	36505	13.7	105.2 shale and san
2045	88377	36507	0	39.6 clay rocks anc
2046	88378	36507	39.6	50.3 shale and san
2047	18442	36508	0	15.2 clay
2048	18444	36508	0	27.4 clay
2049	18443	36508	15.2	68.6 shale and san
2050	18445	36508	27.4	64 shale and san
2051	88379	36509	0	12.2 clay
2052	88380	36509	12.2	106.7 shale and san
2053	18446	36510	0	70.1 clay
2054	18447	36510	70.1	83.8 shale and san
2055	154364	36511	0	3 brown clay
2056	154365	36511	3	12.8 brown clay an
2057	154366	36511	12.8	18.3 hard layers se
2058	154367	36511	18.3	18.6 hard layers of
2059	154368	36511	18.6	27.1 sandstone, br
2060	154369	36511	27.1	31.7 sandy, very liq
2061	154370	36511	31.7	42.1 brown shaley
2062	154371	36511	42.1	44.2 hard shale an
2063	154372	36511	44.2	45.1 shale and fine
5962	369454	80595	6.1	24.4 brown shale
5963	369455	80595	24.4	54.9 layered sands
2064	154487	36674	0	0.6 brown silt
2065	154488	36674	0.6	1.5 coarse gravel
2066	154489	36674	1.5	2.4 dirty coarse g
2067	154490	36674	2.4	3.7 boulders and
2068	154491	36674	3.7	5.8 med - coarse

2069	154492	36674	5.8	9.8 med - coarse
2070	154493	36674	9.8	12.8 med- coarse c
2071	154494	36674	12.8	16.8 med - coarse
2072	154495	36674	16.8	17.7 coarse gravel
2073	154496	36674	17.7	21.9 dense grey till
2074	89131	37121	0	6.1 brown clay
2075	89132	37121	6.1	15.2 layers brown c
2076	89133	37121	15.2	25.6 grey clay laye
2077	240743	37349	0	3 sandstone
2078	240744	37349	3	33.5 blue clay with
2079	240745	37349	33.5	36.6 hard rock laye
2080	155391	37350	0	18.3 blue clay laye
2081	155392	37350	18.3	19.5 shale layers, l
2082	155632	37565	0	12.2 blue clay and
2083	155633	37565	12.2	14.9 pea gravel  - €
2084	19296	37579	0	15.2 brown clay lay
2085	19297	37579	15.2	33.5 heavy blue cl
2086	19298	37579	33.5	34.1 shale
2087	155840	37826	0	15.2 brown and bl
2088	155841	37826	15.2	19.8 sand, stone b
2089	155842	37826	19.8	25.6 blue clay and
2090	155843	37827	0	30.5 brown heavy c
2091	155844	37828	0	15.2 heavy brown c
2092	155845	37828	15.2	19.2 brown sandy c
2093	19511	37829	0	35.1 clay silty
2094	19512	37829	35.1	50.3 shale and san
2095	155846	37834	0	2.4 cemented gra
2096	155847	37834	2.4	6.7 brown silt with
2097	155848	37834	6.7	12.2 brown silt
2098	155849	37834	12.2	18.3 brown silt with
2099	155850	37834	18.3	25.3 very fine silt-li
2100	155851	37834	25.3	42.7 compact sand
2101	155852	37834	42.7	48.2 wet sandy silt
2102	155853	37834	48.2	53.3 wet sandy silt
2103	155854	37834	53.3	57 very compact
2105	241748	37835	0.6	2.4 silty gravel wit
2106	241749	37835	2.4	4.3 clean, coarse
2107	241750	37835	4.3	20.7 compact silty
2108	241751	37835	20.7	36 compact till, s
2109	241752	37835	36	36.9 till and gravel,
2110	241753	37835	36.9	40.8 compact till, s
2111	241754	37835	40.8	50.3 sticky, silty cla

2112	241755	37835	50.3	54.3 compact silt a
2113	241756	37835	54.3	57.3 compact till
2114	241757	37835	57.3	57.6 bedrock, sanc
2115	241962	37943	0	0.6 moss and top:
2116	241963	37943	0.6	2.4 silty gravel wit
2117	241964	37943	2.4	4.3 cleaner, coars
2118	241965	37943	4.3	20.7 compact silty
2119	241966	37943	20.7	36 hard till, sand
2120	241967	37943	36	36.9 wet till& grave
2121	241968	37943	36.9	40.8 hard till some
2122	241970	37943	40.8	50.3 sticky silty cla
2123	241971	37943	50.3	54.3 hard silt and c
2124	241972	37943	54.3	57.3 till   hard
2125	241969	37943	57.3	60.4 bedrock - san
2126	241973	37943	57.3	60.4 bedrock sand:
2127	242062	37986	0	2.4 cemented gra
2128	242063	37986	2.4	6.7 brown silt with
2129	242064	37986	6.7	12.2 brown silt
2130	242065	37986	12.2	18.3 brown silt with
2131	242066	37986	18.3	25 very fine wet s
2132	242067	37986	25	42.7 hard sand silt
2133	242070	37986	42.7	48.2 wet sandy silt
2134	242068	37986	48.2	53.3 wet sandy"
2135	242069	37986	53.3	57 very hard dry
2136	156036	38024	0	0.9 top soil and ve
2138	156028	38024	2.4	4.9 loosened grav
2139	156029	38024	4.9	5.5 cemented gra
2140	156030	38024	5.5	7 sandy silt
2141	156031	38024	7	8.8 till
2142	156032	38024	8.8	14.6 cemented sar
2143	156033	38024	14.6	19.2 hard till
2144	156034	38024	19.2	20.7 cap rock and t
2145	156035	38024	20.7	50 hard sticky gra
2146	242145	38025	0	0.9 soil
2147	242146	38025	0.9	7 cemented gra
2148	242147	38025	7	8.8 till
2149	242148	38025	8.8	14.6 cemented sar
2150	242149	38025	14.6	19.2 compact till
2151	242150	38025	19.2	20.7 rock or till, cas
2152	242151	38025	20.7	50 till or shale
5964	369456	80596	0	18.3 black clay
5965	369457	80596	18.3	27.4 sandy clay

2153	156059	38033	0	0.6 brown silt
2154	156060	38033	0.6	1.5 coarse gravel
2155	156061	38033	1.5	2.4 dirty coarse g
2156	156062	38033	2.4	3.7 boulders ad si
2157	156067	38033	3.7	5.8 med-coarse c
2158	156063	38033	5.8	12.8 med-coarse g
2159	156064	38033	12.8	16.8 med-coarse g
2160	156065	38033	16.8	17.7 very silty coar
2161	156066	38033	17.7	21.9 compact grey
2162	156192	38087	0	10.4 sandstone and
2163	156193	38088	0	9.8 heavy clay roc
2164	156194	38088	9.8	22.6 layers brown c
2165	156195	38089	0	12.2 gravel and sa
2166	156233	38142	0	1.8 meadow silt
2167	156234	38142	1.8	4.9 dense silty, gr
2168	156235	38142	4.9	8.5 sandy silt (gre
2169	156236	38142	8.5	11 sandy silt with
2170	156237	38142	11	16.8 compact silt
2171	156238	38142	16.8	21.3 very fine silty
2172	156239	38142	21.3	38.4 very fine silty
2173	156240	38142	38.4	42.1 silty, fine-med
2174	156241	38142	42.1	44.5 brown silt with
2175	156242	38142	44.5	46 brown silt with
2176	156243	38142	46	48.2 dense pea gr.
2177	156244	38142	48.2	49.1 very tight silty
2178	156245	38142	49.1	53.6 brwon till with
2179	156246	38142	53.6	58.8 till with grey s
2180	156247	38142	58.8	63.1 very hard brow
2181	156248	38142	63.1	89.3 till with sticky
2182	90556	38321	0	9.1 blue clay and
2183	90557	38321	9.1	15.2 brown sandy c
2184	90558	38321	15.2	16.5 shale layers  -
2185	242690	38322	0	48.8 blue clay sanc
2186	156553	38516	0	12.2 sandy clay
2187	156554	38516	12.2	17.1 heavy brown c
2188	244037	38910	0	121.9 primarily clay
2189	20319	38915	0	39.6 clay
2190	20320	38915	39.6	59.4 shale and san
2191	20321	38916	0	13.7 clay
2192	20322	38916	13.7	128 shale with sor
2193	20323	38916	128	182.9 shale with sor
2194	20324	38923	0	21.3 clay

2195	20325	38923	21.3	114.3 shale and san
2196	244039	38925	0	54.9 silty clay, no v
2197	244041	38927	0	30.5 clay
2198	244042	38927	30.5	88.4 shale
2199	20326	38933	0	6.1 clay
2200	20327	38933	6.1	30.5 shale and san
2201	244048	38937	0	121.9 primarily clay
2202	157060	38938	0	61 sand and grav
2203	20329	38943	0	12.2 clay
2204	20330	38943	12.2	53.3 shale and san
2205	20331	38945	0	36.6 shale and san
2206	244061	38957	0	54.9 clay
2207	244062	38957	54.9	67.1 shale and san
2208	20333	38958	0	12.2 clay
2209	20334	38958	12.2	27.4 shale and san
2210	20336	38967	0	6.1 clay
2211	20337	38967	6.1	18.3 shale and san
2212	244069	38969	0	21.3 clay
2213	244070	38969	21.3	59.4 shale and san
2214	20338	38970	0	15.2 clay
2215	20339	38970	15.2	41.1 shale
2216	244071	38971	0	18.3 clay
5966	369458	80596	27.4	36.6 weathered sh:
2217	244072	38971	18.3	54.9 shale
2218	20340	38974	0	27.4 clay
2219	20341	38974	27.4	45.7 shale and san
2220	244075	38976	0	134.1 clay, silty clay
2221	20342	38977	0	18.3 clay
2222	20343	38977	18.3	41.1 shale and san
2223	244087	38990	0	118.9 gravel
2224	244093	38998	0	68.6 silty sand and
2225	244094	38998	68.6	83.8 shale and san
2226	20345	39002	0	18.3 clay
2227	20346	39002	18.3	32 shale adn san
2228	20378	39071	0	21.3 clay
2229	20379	39071	21.3	41.1 shale and san
2230	157167	39072	0	16.2 clay till (black)
2231	157168	39072	16.2	16.8 blacksand (dr)
2232	157169	39072	16.8	27.4 clay till (black)
2233	157170	39072	27.4	41.1 gravel (brown
2234	157171	39072	41.1	67.1 till, black, san
2235	157172	39072	67.1	69.5 till, black, wet,

2236	157173	39072	69.5	70.7 till, black, dry
5967	369459	80596	36.6	50.3 brown sand
5968	369460	80597	0	3.7 brown clay
2237	157174	39072	70.7	73.2 clay, silty, wat
2238	157175	39072	73.2	79.2 till, black, dry
2239	91083	39073	0	12.2 heavy blue an
2240	91084	39073	12.2	15.2 blue clay and
2241	91085	39073	15.2	18.3 hard dry shale
2242	20380	39074	0	21.3 clay
2243	20381	39074	21.3	91.4 shale and san
2244	20382	39075	0	12.2 clay
2245	20383	39075	12.2	83.8 shale and san
2246	20384	39076	0	85.3 clay
2247	20385	39076	85.3	114.3 shale and san
2248	20386	39077	0	21.3 clay
2249	20387	39077	21.3	54.9 shale and san
2250	244228	39078	0	51.8 silty sand
2251	244229	39078	51.8	140.2 shale, no wat
2254	157177	39080	12.2	24.4 sandy brown c
2255	157178	39080	24.4	29.3 blue clay, ther
2256	157179	39080	29.3	33.5 heavy blue cl
2257	20388	39081	0	10.7 clay
2258	20389	39081	10.7	32 shale and san
2259	20390	39082	0	7.6 clay
2260	20391	39082	7.6	50.3 shale and san
5969	369461	80597	3.7	7.3 silty sand
5970	369462	80597	7.3	18.3 layered shale
2261	157180	39083	0	134.1 silty type clay
2262	157181	39083	134.1	140.2 gravel
2263	20392	39084	0	13.7 clay
2264	20393	39084	13.7	91.4 shale and san
2265	157182	39085	0	3 sandy rock
2266	157183	39085	3	6.7 heavy clay
2267	157184	39085	6.7	11 heavy grey cl
2268	157185	39085	11	13.1 heavy grey cl
2269	244231	39086	0	18.3 clay
2270	244232	39086	18.3	73.2 shale and san
2271	20394	39087	0	48.8 clay
2272	20395	39087	48.8	140.2 shale and san
2273	244233	39088	0	19.8 clay
2274	244234	39088	19.8	61 shale and san
2275	91086	39089	0	6.1 sandy brown c

2276	91087	39089	6.1	10.1 heavy blue cl
2277	91088	39089	10.1	11 shale and coa
2278	20396	39090	0	42.7 clay
2279	20397	39090	42.7	59.4 shale and san
2280	20398	39091	0	7.6 clay
5971	369463	80597	18.3	42.7 brown sandstr
5972	369464	80598	0	4.6 brown clay
2281	20399	39091	7.6	18.3 sandstone
2282	20400	39092	0	30.5 clay
2283	20401	39092	30.5	33.5 sandstone
2284	244235	39093	0	39.6 clay
2285	244236	39093	39.6	65.5 sand and grav
2286	244251	39096	0	9.1 blue clay
2287	244252	39096	9.1	18.3 brown clay an
2288	244253	39096	18.3	19.5 hard shale, w
2289	244254	39096	19.5	38.1 soft blue clay,
2290	244255	39096	38.1	45.1 brown clay lay
2291	20402	39097	0	13.7 clay
2292	20403	39097	13.7	48.8 shale and san
2293	244256	39098	0	15.2 clay
2294	244257	39098	15.2	41.1 shale and san
2295	20404	39099	0	42.7 silty sand
2296	20405	39099	42.7	73.2 shale and san
2297	20406	39100	0	15.2 clay
2298	20407	39100	15.2	61 shale and san
2299	244258	39101	0	22.9 clay
2300	244259	39101	22.9	59.4 shale and san
2301	244260	39102	0	41.1 sand and grav
2302	20408	39103	0	9.1 clay
2303	20409	39103	9.1	140.2 shale and san
2304	244261	39104	0	51.8 silty sand
2305	244262	39104	51.8	109.7 shale
2306	20410	39105	0	13.7 clay
2307	20411	39105	13.7	128 shale and san
2308	244263	39106	0	21.3 clay
2309	244264	39106	21.3	41.1 shale and san
2310	244265	39107	0	64 sand and grav
2311	20412	39108	0	18.3 clay
2312	20413	39108	18.3	83.8 shale and san
2313	20414	39109	0	10.7 clay
2314	20415	39109	10.7	118.9 shale and san
2315	20416	39110	0	18.3 clay



2316	20417	39110	18.3	39.6 shale, sandstone
2317	20418	39111	0	13.7 clay
2318	20419	39111	13.7	109.7 shale and sandstone
2319	244266	39112	0	21.3 clay
2320	244267	39112	21.3	77.7 shale and sandstone
2321	157186	39114	0	18.3 heavy blue grey clay
2322	157187	39114	18.3	26.2 blue clay
2323	157188	39114	26.2	32 sandy blue clay
2324	157189	39114	32	33.8 blue oily clay
5973	369465	80598	4.6	12.2 sandy clay
5974	369466	80598	12.2	29 sandstone
2325	244268	39115	0	54.9 clay
2326	244269	39115	54.9	143.3 sand and gravel
2327	244270	39116	0	9.1 clay
2328	244271	39116	9.1	91.4 shale
2329	20424	39117	0	3 clay
2330	20425	39117	3	30.5 shale and sandstone
2331	244272	39118	0	45.7 sand and gravel
2332	157190	39119	0	24.4 heavy blue clay
2333	157191	39119	24.4	30.5 sandstone
2334	157192	39119	30.5	31.1 air
2335	157193	39119	31.1	42.7 sandstone and gravel
2336	157194	39119	42.7	45.7 brown clay and sandstone
2337	157195	39119	45.7	46 pea gravel and sandstone
2338	20599	39365	0	38.1 clay
2339	20600	39365	38.1	50.3 bedrock (shale)
2340	157517	39533	0	1.2 loose brown sandstone
2341	157518	39533	1.2	4.3 loose to compact brown sandstone
2342	157519	39533	4.3	7.6 compact brown sandstone
2343	157520	39533	7.6	12.6 compact brown sandstone
2344	157521	39534	0	2.1 compact brown sandstone
2345	157522	39534	2.1	4 loose brown sandstone
2346	157524	39534	4	8.8 compact brown sandstone
2347	157523	39534	8.8	11.9 loose, grey silty sandstone
2348	157525	39534	11.9	27.4 soft grey claystone
2349	91495	39535	0	0.6 compact to dense grey sandstone
2350	91496	39535	0.6	3 hard grey weathered sandstone
2351	91497	39535	3	4.3 dense fractured sandstone
2352	91498	39535	4.3	6.1 stiff to hard dense sandstone
2353	91499	39535	6.1	8.2 dense fractured sandstone
2354	91500	39535	8.2	9.1 dense fractured sandstone
2355	157584	39572	0	7.6 blue clay

2356	157585	39572	7.6	19.8 brown clay
2357	157586	39572	19.8	25.9 brown clay - s
2358	157587	39572	25.9	27.4 gravel
2359	157588	39572	27.4	38.1 heavy clay
2360	157589	39572	38.1	42.1 brown clay, th
2361	157780	39796	0	10.4 heavy clay
2362	157781	39796	10.4	11 shale and roc
2363	157782	39796	11	42.7 heavy grey cl
3828	35402	52748	22.9	29.3 brown shale
2364	157783	39796	42.7	44.5 changing to b
2365	91781	39797	0	7.3 heavy clay
2366	91782	39797	7.3	10.1 hard shale an
2367	91783	39797	10.1	25 layers heavy l
2368	91784	39797	25	27.1 sour gas, shal
2369	246298	39966	0	7.9 brown clay an
2370	246299	39966	7.9	8.8 hard stringer
2371	246300	39966	8.8	21.3 rock
2372	246301	39966	21.3	23.8 very hard strir
2373	246302	39966	23.8	36.6 gravel and roc
2374	21218	40027	0	2.7 grey till
2375	21219	40027	2.7	22.6 block shale
2376	21220	40027	22.6	54.9 hard grey san
2377	21221	40027	54.9	76.2 hard black sha
2378	21222	40027	76.2	91.4 hard grey san
2379	246403	40044	0	9.1 clay and grav
2380	246404	40044	9.1	15.8 sand and grav
2381	21287	40064	0	19.5 brown clay an
2382	21288	40064	19.5	22.9 fairly hard anc
2383	21289	40064	22.9	24.7 sanstone
4267	285072	58166	2.4	14.6 soft med grey
2384	21290	40064	24.7	30.2 very soft sand
2385	21291	40064	30.2	36.3 hard sandstor
2386	21292	40064	36.3	45.4 very eay drillir
2387	21293	40064	45.4	54.6 very hard san
2388	21294	40064	54.6	60.4 hard and soft
2389	21295	40064	60.4	61 coal seam
2390	21296	40064	61	64 soft sanstone
2391	158053	40077	0	8.5 brown clay roc
2392	158054	40077	8.5	14 heavy brown c
2393	158055	40077	14	15.8 blue clay
2394	158056	40077	15.8	20.7 sandy brown c
2395	158057	40077	20.7	24.1 sandstone, th

2396	158058	40077	24.1	25.3 blue clay and
2397	158059	40082	0	57.9 existing
2398	158060	40082	57.9	68.6 limestone and
2399	158061	40082	68.6	76.2 gravel and sa
2400	246495	40086	0	7.3 tight brown sa
2401	246496	40086	7.3	10.4 tight brown sa
2402	246497	40086	10.4	38.1 tight grey san
2403	246508	40094	0	15.2 brown clay
2404	246509	40094	15.2	28.3 sandstone (w
2405	246510	40094	28.3	41.8 shale and lime
4268	285073	58166	14.6	18.3 swelling med
4269	285074	58166	18.3	21.9 med grey clay
2406	246511	40094	41.8	42.7 hard pan
2407	21347	40132	0	9.8 tight grey till
2408	21348	40132	9.8	13.4 tight grey clay
2409	21349	40132	13.4	25 tight grey coal
2410	21350	40132	25	38.1 hard blue bed
2411	246623	40146	0	6.1 brown clay
2412	246624	40146	6.1	7.3 rock
2413	246625	40146	7.3	15.2 clay and rock
2414	246626	40146	15.2	21.3 very hard rock
2415	246627	40146	21.3	32 clay and grav
2416	246628	40146	32	32.9 hard stringer
2417	246629	40146	32.9	38.1 sand and grav
2418	246630	40146	38.1	39.6 hardpan
2419	246631	40147	0	6.7 clay
2420	246632	40147	6.7	12.2 sandstone
2421	246633	40147	12.2	12.8 shale hard str
2422	246634	40147	12.8	14.6 sandstone (irc
2423	246635	40147	14.6	16.5 hard shale
2424	246636	40148	0	6.1 clay
2425	246637	40148	6.1	17.7 sandstone
2426	246638	40148	17.7	22.6 shale and san
2427	246639	40148	22.6	27.4 clay and shale
2428	246640	40148	27.4	28.7 sandstone, dr
2429	246641	40148	28.7	41.1 sandstone an
2430	246642	40148	41.1	48.8 dolomite and s
2431	21385	40158	0	2.4 light brown till
2432	21386	40158	2.4	6.1 soft blue coal
2433	21387	40158	6.1	30.5 hard grey san
2434	246780	40220	0	9.8 brown clay
2435	246781	40220	9.8	14.9 pea gravel an

2436	246782	40220	14.9	24.4 gravel
2437	246783	40220	24.4	29.3 sandstone
2438	246784	40220	29.3	67.1 shale
2439	246966	40323	0	25.6 clay and rock
2440	246967	40323	25.6	30.2 pea gravel, w
2441	92289	40330	0	13.7 brown clay
2442	92290	40330	13.7	16.8 blue clay
2443	92291	40330	16.8	23.5 sandstone (w
2444	158263	40349	0	5.5 heavy clay an
2445	158264	40349	5.5	15.2 blue clay
2446	158265	40349	15.2	18.3 brown clay an
4270	285075	58166	21.9	34.7 grey clay-sma
4271	285076	58166	34.7	35.1 med small gra
2447	158279	40373	0	14.3 clay
2448	158280	40373	14.3	19.8 sandstone an
2449	158281	40373	19.8	29.9 sandstone lim
2450	158282	40373	29.9	32.3 hard pan
2451	158283	40373	32.3	39.6 sandstone (w
2452	158284	40373	39.6	45.7 clay
2453	247102	40389	0	77.4 clay and few r
2454	247103	40389	77.4	79.9 quicksand (w
2455	247104	40389	79.9	114.3 clay, few rock
2456	158333	40415	0	7.6 gravel and sa
2457	158334	40415	7.6	22.9 clay and sand
2458	158335	40415	22.9	32.3 sandstone (lo
2459	158336	40415	32.3	40.2 sandstone
2460	158337	40415	40.2	41.8 hardpan
2461	158338	40415	41.8	44.2 sandstone (w
2462	158339	40415	44.2	45.7 clay  - bail at i
2463	92411	40476	0	18.9 clay
2464	92412	40476	18.9	29.9 sandstone an
2465	92413	40476	29.9	33.8 limestone
2466	92414	40476	33.8	50.3 sandstone (h
4272	285077	58166	35.1	55.2 med grey clay
5975	369467	80598	29	42.7 layered shale
2467	92415	40476	50.3	53.3 black and gre
2468	92416	40476	53.3	54.3 dolomite or lin
2469	92417	40477	0	18.3 clay
2470	92418	40477	18.3	29.9 sandstone
2471	92419	40477	29.9	34.7 limestone
2472	92420	40477	34.7	41.1 sandstone
2473	92421	40477	41.1	46.9 black and gre

2474	158456	40573	0	6.1 heavy brown c
2475	158457	40573	6.1	11 brown sandy c
2476	158458	40573	11	14.3 sandstone, 14
2477	158459	40573	14.3	31.7 blue clay laye
2478	158470	40593	0	15.2 heavy blue cl
2479	158471	40593	15.2	26.2 brown clay, m
2480	158472	40593	26.2	29.9 brown clay, pe
2481	158473	40593	29.9	38.1 heavy blue gr
2482	92529	40595	0	4.3 brown clay
2483	92530	40595	4.3	21.3 clay and grav
2484	92531	40595	21.3	22.6 very fine grav
2485	92532	40595	22.6	29.6 gravel and cla
2486	92533	40595	29.6	31.1 sandstone
4776	175352	59789	6.7	57.9 silt with clay a
2487	92534	40595	31.1	42.7 clay and limes
2488	92535	40595	42.7	44.5 sandstone  - p
2489	158474	40596	0	3.7 brown sandy c
2490	158475	40596	3.7	7.9 heavy blue cl
2491	158476	40596	7.9	11 heavy grey cl
2492	158477	40596	11	13.1 blue clay, san
2493	158478	40596	13.1	32.9 heavy blue cl
2494	158539	40651	0	14.3 clay
2495	158540	40651	14.3	24.4 sandstone (w
2496	158541	40651	24.4	36 clay
2497	158542	40651	36	51.8 clay - limestor
2498	247840	40667	0	14.3 clay
2499	247841	40667	14.3	23.2 clay and rock
2500	247842	40667	23.2	26.2 fine gravel, ba
2501	247843	40667	26.2	29.6 clay
2502	247844	40667	29.6	33.8 hard stringer
2503	247845	40667	33.8	51.8 clay and rock
2504	247846	40667	51.8	53.3 gravel and sa
2505	247847	40667	53.3	54.3 clay
2506	247924	40700	0	10.1 clay and rock
4777	175354	59789	57.9	80.8 silt with sandy
5976	369468	80598	42.7	61 sand stone
2507	247925	40700	10.1	10.7 wet clay
2508	247926	40700	10.7	18.3 clay and rock
2509	247927	40700	18.3	19.2 sand and grav
2510	247928	40700	19.2	28.7 clay and rock
2511	247929	40700	28.7	29.3 sandstone
2512	247930	40700	29.3	32.3 clay

2513	158702	40779	0	15.2 clay and silt
2514	158703	40779	15.2	21.3 sandy silt
2515	158704	40779	21.3	43.3 clay
2516	158705	40779	43.3	44.2 gravel (water
2517	158742	40819	0	12.2 clay
2518	158743	40819	12.2	16.8 sandstone (dr
2519	158744	40819	16.8	30.5 white clay
2520	158745	40819	30.5	32 sandstone
2521	158746	40819	32	32.9 clay  - pumper
2522	158747	40827	0	47.9 brown clay
2523	158748	40827	47.9	54.9 sand
2524	158749	40827	54.9	56.4 sandstone, lo
2525	158750	40827	56.4	61 clay
2526	158751	40827	61	63.7 sandstone (wa
2527	158752	40827	63.7	64 clay  - bail at '
2528	248218	40846	0	24.4 brown clay an
2529	248219	40846	24.4	26.8 sandstone, wa
2530	248220	40846	26.8	33.5 clay
2531	248221	40846	33.5	34.1 very hard rock
2532	248222	40846	34.1	45.7 clay
2533	158872	40940	0	0.2 peat
2534	158873	40940	1.5	3.4 loose to comp
2535	158874	40940	3.4	7.6 loose to comp
2536	158875	40940	7.6	10.1 compact grey
2537	158877	40940	10.1	12.2 loose grey var
2538	158876	40940	12.2	50.3 loose grey var
2539	248446	40945	0	4.6 brown clay
2540	248447	40945	4.6	54.9 blue clay ( 10'
2541	248448	40945	54.9	70.1 brown clay
2542	248449	40945	70.1	82.3 grey and black
2543	248450	40945	82.3	94.5 clay, limeston
2544	248457	40950	0	4.6 brown clay
2545	248458	40950	4.6	22.9 blue clay
2546	248459	40950	22.9	24.4 blue clay with
2547	248460	40950	24.4	45.7 blue clay and
2548	248461	40950	45.7	57.9 coal, shale (ci
2549	248462	40950	57.9	76.2 clay and limes
2550	158905	40978	0	22.9 brown clay
2551	158906	40978	22.9	30.5 sandstone
2552	158907	40978	30.5	32.9 hardpan
2553	158908	40978	32.9	39.6 sandstone, sh
2554	159054	41090	0	6.1 clay and grav

2555	159055	41090	6.1	8.2 river silt and g
2556	248771	41094	0	8.5 heavy clay an
2557	248772	41094	8.5	18.3 sandstone, cl
2558	248773	41094	18.3	27.4 heavy blue cl
2559	248774	41094	27.4	30.5 heavy oily cla
2560	248775	41094	30.5	32 sandy brown c
2561	93169	41423	0	5.5 light brown cl
2562	93170	41423	5.5	6.1 sandstone
2563	93171	41423	6.1	9.1 shallow sands
2564	93172	41423	9.1	13.7 sandstone, oil
2565	93173	41423	13.7	17.1 blue clay, oil
2566	93174	41423	17.1	26.8 sandstone lay
2567	93175	41423	26.8	36 heavy shale, c
2568	93176	41423	36	38.4 hard sandstor
2569	93177	41423	38.4	54.9 heavy blue cl
2570	93178	41423	54.9	67.1 brown clay an
2571	249538	41425	0	2.4 brown sandy c
2572	249539	41425	2.4	6.1 rocks, heavy c
2573	249540	41425	6.1	13.7 heavy clay
2574	249541	41425	13.7	18.3 sandy clay
2575	249542	41425	18.3	21.3 heavy blue cl
2576	249543	41425	21.3	21.9 sandy clay, sh
2577	159408	41426	0	3.7 gravel bed
2578	159409	41426	3.7	7.3 sandy brown c
2579	159410	41426	7.3	11.6 clay, some roc
2580	159411	41426	11.6	16.8 sandstone lay
2581	159412	41426	16.8	18.3 sandstone, bl
2582	159413	41426	18.3	19.5 blue clay (har
2583	159414	41426	19.5	31.7 sandy brown c
2584	159415	41426	31.7	32.3 gravel, oil
2585	159416	41426	32.3	36.6 light shale bar
2586	159417	41426	36.6	44.5 blue clay, oil
2587	159418	41426	44.5	46.9 sandstone lay
2588	159419	41426	46.9	58.2 sandy blue cl
2589	159420	41427	0	51.2 clay
5977	369469	80599	0	4.6 brown clay
5978	369470	80599	4.6	12.2 dry silty sand
2590	159421	41427	51.2	61 clay and shak
2591	159422	41427	61	74.1 sandstone an
2592	93329	41544	0	3.7 brown clay
2593	93330	41544	3.7	8.8 blue gumbo
2594	93331	41544	8.8	9.8 sandstone sof

2595	93332	41544	9.8	19.8	gumbo
2596	93333	41544	19.8	21.3	grey sandstor
2597	93334	41544	21.3	30.5	shale and gur
2598	93335	41544	30.5	32	hard red sand
2599	93336	41544	32	34.1	shale
2600	93337	41544	34.1	39.6	shale  - 35FT
2601	159964	41930	0	21.3	blue clay
2602	159965	41930	21.3	27.7	brown clay
2603	159966	41930	27.7	29.9	very hard qua
2604	159967	41930	29.9	57.3	shale and clay
2605	159968	41930	57.3	65.5	black and gre
2606	159969	41930	65.5	76.2	sandstone
2607	159970	41930	76.2	82.3	brown clay - v
2608	250589	41941	0	12.2	brown clay
2609	250590	41941	12.2	18.9	limestone
2610	250591	41941	18.9	28.7	shale and san
2611	250592	41941	28.7	33.5	brown clay
2612	250593	41941	33.5	38.4	sandstone
2613	250594	41941	38.4	39	clay
2614	250640	41963	0	6.1	brown clay
2615	250641	41963	6.1	15.2	grey sand (dry
2616	250642	41963	15.2	16.8	clay
2617	250643	41963	16.8	34.1	sandstone (w
2618	250644	41963	34.1	35.4	clay
2619	250855	42058	0	6.1	brown clay
2620	250856	42058	6.1	21.3	blue clay
2621	250857	42058	21.3	31.7	sand
2622	250858	42058	31.7	35.1	gravel
2623	250936	42092	0	12.2	brown clay
2624	250937	42092	12.2	15.2	shale and san
2625	250938	42092	15.2	30.5	blue clay
2626	250939	42092	30.5	34.1	sandstone (ba
2627	250940	42092	34.1	38.1	clay
2628	94003	42123	0	8.5	sand and grey
2629	94004	42123	8.5	11	brown clay
2630	94005	42123	11	25.9	sandstone rus
2631	94006	42123	25.9	27.4	clay limestone
2632	94211	42254	0	2.4	brown clay
2633	94212	42254	2.4	17.7	blue clay
2634	94213	42254	17.7	18.6	rock
2635	94214	42254	18.6	24.4	blue clay
2636	94215	42254	24.4	34.1	blue clay (80F



2637	94216	42254	34.1	40.5 sandstone (w
2638	251284	42283	0	7.6 brown clay
2639	251285	42283	7.6	13.7 blue clay
2640	251286	42283	13.7	18.3 brown sand
2641	251287	42283	18.3	22.9 brown clay
2642	251288	42283	22.9	38.1 gravel
2643	251289	42283	38.1	38.7 clay
2644	23179	42323	0	13.7 blue clay
2645	23180	42323	13.7	25.9 limestone
2646	23181	42323	25.9	39.6 sandstone
2647	160496	42349	0	6.7 brown clay
2648	160497	42349	6.7	7.3 sandstone
2649	160498	42349	7.3	21.3 brown clay
2650	160499	42349	21.3	24.4 yellow clay
2651	160500	42349	24.4	30.8 shale
2652	160501	42349	30.8	33.5 sandstone
2653	160502	42349	33.5	39.6 shale
2654	160503	42349	39.6	43.3 limestone
2655	160504	42349	43.3	45.7 sandstone
2656	160505	42349	45.7	61 black and gre
2657	251474	42350	0	8.5 brown clay
2658	251475	42350	8.5	9.4 gravel seam
2659	251476	42350	9.4	9.8 black sand an
2660	251477	42350	9.8	18.3 clay
2661	251545	42379	0	3 brown clay
2662	251546	42379	3	16.8 blue clay
2663	251547	42379	16.8	27.7 limestone
2664	251548	42379	27.7	32 shale
2665	251549	42379	32	36.6 sandstone
2666	251550	42379	36.6	36.9 clay
2667	160607	42516	0	304.8 shale bottom
2668	251872	42517	0	1.2 clay
2669	251873	42517	1.2	39.6 dirty gravel- ti
2670	251874	42517	39.6	45.7 hard till
2671	251875	42517	45.7	47.2 gravel - water
2672	251904	42532	0	12.2 brown clay
2673	251905	42532	12.2	20.1 silt
2674	251906	42532	20.1	32.6 blue clay
2675	251947	42549	0	23.8 clay and grav
2676	251948	42549	23.8	32 sandy clay
2677	251949	42549	32	45.7 blue clay
2678	251950	42550	0	13.7 brown clay

2679	251951	42550	13.7	23.8 blue clay
2680	251952	42550	23.8	32 sandy clay
5979	369471	80599	12.2	30.5 sandstone
5980	369472	80599	30.5	54.9 layered grey s
2681	251953	42550	32	61 brown clay
2682	251954	42550	61	64 sand and coal
2683	251955	42550	64	66.1 blue clay
2684	23485	42587	0	3.7 brown clay
2685	23486	42587	3.7	4.6 rock
2686	23487	42587	4.6	29 brown clay
2687	23488	42587	29	29.9 sandstone (ba
2688	23489	42587	29.9	39.6 shale and san
2689	23490	42587	39.6	41.1 limestone
2690	23491	42587	41.1	66.4 shale
2691	23492	42587	66.4	78.6 sandstone(los
2692	23493	42587	78.6	84.1 sandstone
2693	252016	42588	0	24.4 existing well
2694	252017	42588	24.4	32.6 unlimited supp
2695	160736	42611	0	18.3 brown clay
2696	160737	42611	18.3	21.3 shale
2697	160738	42611	21.3	24.4 sandy brown c
2698	160739	42611	24.4	25.9 rusty sandstor
2699	160740	42611	25.9	32.6 grey sandstor
2700	160741	42611	32.6	33.2 hardpan
5981	369473	80599	54.9	73.2 sandstone
5982	369477	80601	0	6.1 brown glacial
2701	160742	42611	33.2	67.1 sandstone (lo
2702	160743	42611	67.1	77.7 sandstone
2703	160744	42611	77.7	79.2 blue clay  - ba
2704	252172	42654	0	9.1 brown clay
2705	252173	42654	9.1	13.7 silty sand
2706	252174	42654	13.7	39 blue clay
2707	252175	42654	39	45.7 gravel (water
2708	252210	42666	0	25.6 blue clay
2709	252211	42666	25.6	32.9 sandstone(dr
2710	252212	42666	32.9	38.1 blue clay
2711	252213	42666	38.1	77.4 shale
2712	252214	42666	77.4	91.4 sandstone (dr
2713	252447	42754	0	6.1 dirty gravel
2714	252448	42754	6.1	13.7 silt
2715	252449	42754	13.7	25.9 till
2716	252450	42754	25.9	27.4 coarse gravel

2717	23779	42760	0	12.2 sand, brown
2718	23780	42760	12.2	24.4 cemented gra
2719	23781	42760	24.4	61 shale, black
2720	23782	42760	42.7	61 water bearing
2721	252735	42915	0	3 blue clay
2722	252736	42915	3	6.1 sandstone lay
2723	252737	42915	6.1	8.2 blue clay, sor
2724	252738	42915	8.2	9.1 gravel
2725	252739	42915	9.1	12.2 blue clay, oil
2726	252740	42915	12.2	22.9 sandstone lay
2727	252741	42915	22.9	30.5 blue clay, sha
2728	252742	42915	30.5	33.5 shale, some v
2729	252743	42915	33.5	38.1 shale, clay lay
2730	252744	42915	38.1	46.9 sand, silt, sor
2731	252745	42915	46.9	48.2 blue clay, oil,
2732	252746	42915	48.2	59.4 silt, sand
2733	252747	42915	59.4	67.1 shale, sand la
2734	252748	42915	67.1	70.1 heavy silt laye
2735	252749	42915	70.1	70.7 sand layers
2736	161093	43039	0	15.2 brown clay , s
2737	161094	43039	15.2	22.9 sandy shale k
2738	161095	43039	22.9	42.7 brown clay, st
2739	161096	43039	42.7	48.8 some blue cla
2740	161097	43039	48.8	61 shale , some s
2741	161098	43039	61	64 heavy shale, s
2742	161099	43039	64	64.6 silt  - small ar
2743	24136	43040	0	3 sand brown cl
2744	24137	43040	3	7.9 heavy brown c
2745	24138	43040	7.9	14.6 sandstone lay
2746	24139	43040	14.6	17.7 blue clay
5983	369478	80601	6.1	121.9 grey layered s
2747	24140	43040	17.7	20.7 brown clay, se
2748	24141	43040	20.7	22.9 shale water
2749	253024	43041	0	13.7 blue clay, oil
2750	253025	43041	13.7	14.6 sandstone
2751	253026	43041	14.6	21.3 brown clay, oi
2752	253027	43041	21.3	24.4 blue clay som
2753	253028	43041	24.4	29 shale, oil, sor
2754	253029	43041	29	36.6 shale, heavy s
2755	161144	43091	0	15.2 blue clay (son
2756	161145	43091	15.2	22.9 blue, brown cl
2757	161146	43091	22.9	23.5 hard pan

2758	161147	43091	23.5	28 heavy blue cl
2759	161148	43091	28	29.9 blue clay oil (t
2760	253299	43178	0	5.5 sandy clay
2761	253300	43178	5.5	8.2 coarse sand
2762	253301	43178	8.2	10.1 gravel
2763	95084	43221	0	12.2 brown clay
2764	95085	43221	12.2	13.4 sandstone (ru
2765	95086	43221	13.4	21.3 blue clay(lost
2766	95087	43221	21.3	30.5 sandstone
2767	95088	43221	30.5	33.5 very hard san
2768	95089	43221	33.5	41.5 soft sandston
2769	95090	43221	41.5	42 hardpan  - @
2770	95103	43235	0	20.1 brown clay
5984	369479	80602	0	6.1 brown glacial
2771	95104	43235	20.1	32.6 sandstone  - (
2772	253499	43295	0	3 brown clay
2773	253500	43295	3	7.9 heavy clay
2774	253501	43295	7.9	15.2 sand brwon cl
2775	253502	43295	15.2	18 sandstone
2776	253503	43295	18	19.8 heavy blue cl
2777	253504	43295	19.8	21.9 sandy clay sh
2778	161337	43296	0	7 heavy clay, ro
2779	161338	43296	7	17.1 brown clay sa
2780	161339	43296	17.1	18 solid hard roc
2781	161340	43296	18	19.2 brown clay, gr
2782	253665	43383	0	4.6 sandy clay
2783	253666	43383	4.6	7.3 sandy silt
2784	253667	43383	7.3	8.5 gravel
2785	161460	43431	0	45.7 blue clay
2786	161461	43431	45.7	48.8 very hard san
2787	161462	43431	48.8	61 soft sandston
2788	161463	43431	61	67.1 gravel - 172F
2789	95246	43432	0	27.4 blue clay
2790	95247	43432	27.4	51.8 sandstone (dr
5985	369480	80602	6.1	91.4 grey layered s
2791	95248	43432	51.8	65.5 shale
2792	95249	43432	65.5	70.1 sandstone(dry
2793	95250	43432	70.1	88.4 shale
2794	95251	43432	88.4	95.1 sandstone (w
2795	254048	43557	0	3.7 heavy sandy c
2796	254049	43557	3.7	11 heavy blue cl
2797	254050	43557	11	11.6 shale layer

2798	254051	43557	11.6	26.2 heavy blue cl
2799	254052	43557	26.2	34.1 brown clay
2800	254053	43557	34.1	34.7 silty clay, shal
2801	254054	43558	0	33.5 clay, trace of s
2802	254055	43558	33.5	44.2 clay, shale an
2803	254056	43558	44.2	79.2 clay, shale an
2804	254057	43558	79.2	80.8 hard sandstor
2805	254058	43558	80.8	86.9 clay, shale, sc
2806	95440	43584	0	40.5 blue clay and
2807	95441	43584	40.5	42.7 sandstone, dr
2808	95442	43584	42.7	46.3 blue clay
2809	95443	43584	46.3	57.9 sandstone  - (
2810	161609	43624	0	10.7 blue clay and
6353	386696	86042	36.9	48.8 shale, crumbly
6354	386697	86042	48.8	49.7 rock grey
2811	161610	43624	10.7	21.3 blue clay
2812	161611	43624	21.3	32 sandstone
2813	161612	43624	32	32.6 clay  - @ 6GF
2814	254244	43642	0	22.9 brown clay
2815	254245	43642	22.9	42.7 sandstone
2816	254246	43642	42.7	46.6 limestone
2817	254247	43642	46.6	50.3 sandstone an
2818	254248	43642	50.3	51.8 shale
2819	24956	43680	0	7.6 brown clay
2820	24957	43680	7.6	18.3 blue clay
2821	24958	43680	18.3	38.1 grey sandstor
2822	24959	43680	38.1	45.7 shale and san
2823	24960	43680	45.7	48.8 limestone
2824	24961	43680	48.8	57.9 sandstone an
2825	24962	43680	57.9	61.6 limestone
2826	254427	43716	0	42.1 blue clay
2827	254428	43716	42.1	46.6 soft sandstone
2828	254429	43716	46.6	48.2 hard pan (dry)
2829	254430	43716	48.2	54.3 grey sandstor
2830	254431	43716	54.3	70.1 blue clay
2831	254432	43716	70.1	74.7 grey sandstor
2832	254433	43716	74.7	108.8 blue clay
2833	254434	43716	108.8	113.4 sandstone
2834	254435	43716	113.4	121.9 blue clay
2835	254524	43771	0	11.6 rocks, heavy l
2836	254525	43771	11.6	17.1 sandy brown c
2837	254526	43771	17.1	19.8 heavy brown c

2838	254527	43771	19.8	21 sandy clay sh
2839	254600	43810	0	5.2 clay
2840	254601	43810	5.2	8.2 clay, sandstor
2841	254602	43810	8.2	30.5 clay
2842	254603	43810	30.5	33.5 sandstone, lo
2843	254604	43810	33.5	42.7 hard, drilling b
2844	254605	43810	42.7	60.7 a little clay
2845	25344	44026	0	2.4 clay
2846	25345	44026	2.4	53.3 shale and san
2847	162249	44246	0	15.2 brown sandy c
2848	162250	44246	15.2	21.3 grey clay
2849	162251	44246	21.3	21.6 water loss cor
2850	162252	44246	21.6	53.9 dark clay hea
2851	162253	44246	53.9	65.5 silty brown cl
6355	386698	86042	49.7	51.8 siltstone   gre
6356	386699	86042	51.8	54.3 shale grey fra
2852	162254	44246	65.5	65.8 gravel, no mo
2853	162255	44246	65.8	69.5 heavy clay
2854	162256	44246	69.5	70.4 gravel, coarse
2855	95921	44261	0	1.8 brown clay
2856	95922	44261	1.8	20.7 soft blue mud
2857	95923	44261	20.7	22.3 grey sandstor
2858	95924	44261	22.3	23.2 sand streaks
2859	95925	44261	23.2	29.9 soft gumbo
2860	95926	44261	29.9	30.5 brittle sandstc
2861	95927	44261	30.5	36.6 blue shale an
2862	162271	44262	0	12.2 heavy brown c
2863	162272	44262	12.2	22.9 heavy grey br
2864	162273	44262	22.9	25 heavy dark gr
2865	255587	44263	0	10.7 clay
2866	255588	44263	10.7	12.2 sandstone
2867	255589	44263	12.2	15.8 clay
2868	25477	44264	0	24.4 clay
2869	25478	44264	24.4	71.6 shale and san
2870	256725	44704	0	9.1 clay
2871	256726	44704	9.1	15.2 sandy clay
2872	256727	44704	15.2	20.7 sandstone
2873	256728	44704	20.7	53.3 clay
2874	25873	44705	0	3 clay
2875	25874	44705	3	6.1 sand
2876	25875	44705	6.1	18.3 sandstone
2877	25876	44705	18.3	21.3 clay

2878	25877	44705	21.3	25.9 sandstone
2879	25878	44705	25.9	36.6 clay
2880	25879	44705	36.6	45.7 sandstone ( w
2881	96298	44707	0	1.5 gravel fill
2882	96299	44707	1.5	3 surface clays
2883	96300	44707	3	4.6 sands (brown
2884	96301	44707	4.6	24.4 silts (black)
2885	96302	44707	24.4	36.6 soft shales (bl
2886	96303	44707	36.6	42.7 broken shale
2887	96326	44725	0	7.6 some clay gra
2888	96327	44725	7.6	108.2 blue clay
2889	96328	44725	108.2	115.8 bedrock (blac
2890	96329	44730	0	46.3 clays
2891	96330	44730	46.3	67.1 bedrock (blac
6357	386700	86042	54.3	55.2 shale, clay, st
6358	386701	86042	55.2	59.4 shale grey fra
2892	96350	44736	0	6.1 clay gravel
2893	96351	44736	6.1	21.3 broken shales
2894	96352	44736	21.3	30.5 bedrock (blac
2895	96372	44776	0	12.2 gravel
2896	96373	44776	12.2	112.8 blue clay
2897	96374	44776	112.8	121.9 bedrock (blac
2898	257075	44851	0	5.5 sand and grav
2899	257076	44851	5.5	6.1 sand
2900	257077	44851	6.1	11 sand and grav
2901	257078	44851	11	12.2 sand (dry)
2902	257079	44851	12.2	19.8 sandy gravel (
2903	257080	44851	19.8	33.5 sand (dry)
2904	257081	44851	33.5	67.1 silty (wet)
2905	257082	44851	67.1	74.7 sand (black ar
2906	257083	44851	74.7	76.2 sandy gravel
2907	257090	44859	0	6.1 brown clay
2908	257091	44859	6.1	32.6 dry grey sand
2909	257092	44859	32.6	33.2 hard pan
2910	257093	44859	33.2	42.7 shale (112' lo
2911	257094	44859	42.7	54.9 shale
6502	395840	88338	18.9	38.1 mixed bedroc
2912	257095	44859	54.9	80.8 grey sandstor
2913	257096	44859	80.8	95.1 blue clay
2914	257119	44868	0	6.1 dirty gravel
2915	257120	44868	6.1	108.2 silt
2916	257121	44868	108.2	109.7 sandy gravel

2917	96450	44900	0	6.1 brown clay
2918	96451	44900	6.1	22.9 shale
2919	96452	44900	22.9	27.4 limeclay
2920	96453	44900	27.4	35.1 grey sandstor
2921	96454	44900	35.1	39.9 shale
2922	96455	44900	39.9	45.7 grey sandstor
2923	96456	44900	45.7	54.9 grey sandstor
2924	96457	44905	0	7.6 clay
2925	96458	44905	7.6	36.6 black shale  -
2926	26109	44907	0	9.1 dirty gravel
2927	26108	44907	9.1	91.4 black bedrock
2928	26176	44964	0	51.8 blue clay
2929	26177	44964	51.8	228.6 shale bedrock
2930	163081	44982	0	3 brown clay
2931	163082	44982	3	4.6 sand
2932	163083	44982	4.6	14.3 clay
2933	163084	44982	14.3	15.2 silt or sand
2934	163085	44982	15.2	36.6 blue clay
2935	163086	44982	36.6	51.8 quick sand  - (
2936	163129	45065	0	36.9 gravel
2937	163130	45065	36.9	38.7 blue clay  - yie
2938	257587	45067	0	33.5 heavy blue cl
2939	96650	45100	0	4.6 brown clay
2940	96651	45100	4.6	5.5 sand
2941	96652	45100	5.5	59.1 blue clay
2942	96653	45100	59.1	62.5 sandstone (lo
2943	257713	45150	0	15.8 blue clay
2944	257714	45150	15.8	18.3 brown clay
2945	257715	45150	18.3	32 grey sandstor
2946	257716	45150	32	41.1 shale
2947	257717	45150	41.1	45.7 limestone
2948	257718	45150	45.7	67.1 grey sandstor
2949	257719	45150	67.1	70.1 clay
2950	257720	45150	70.1	90.8 grey sandstor
2951	257721	45150	90.8	93.9 clay
2952	163296	45232	0	50.3 clay
2953	163297	45232	50.3	54.9 sandstone
6503	395841	88338	38.1	45.7 bedrock   grey
6504	395842	88338	45.7	89.9 mixed zones (
2954	163298	45232	54.9	57 clay  - bail at '
2955	257863	45247	0	5.5 grey sandstor
2956	257864	45247	5.5	6.7 very hard san



2957	257865	45247	6.7	12.2 grey sandstor
2958	257866	45247	12.2	26.2 brown sandsto
2959	257867	45247	26.2	27.4 hardpan
2960	257868	45247	27.4	35.1 fractured sanc
2961	257869	45247	35.1	36.6 clay
2962	26555	45283	0	6.4 blue clay
2963	26556	45283	6.4	9.4 limestone
2964	26557	45283	9.4	27.4 grey limestone
2965	26558	45283	27.4	32.6 shale
2966	26559	45283	32.6	36.6 grey sandstor
2967	26560	45283	36.6	42.7 shale
2968	26561	45283	42.7	45.7 limestone
2969	26562	45283	45.7	50.6 shale
2970	26563	45283	50.6	57.6 sandstone (dr
2971	26564	45283	57.6	58.5 limestone
2972	26565	45283	58.5	64.3 sandstone (dr
2973	26566	45283	64.3	65.8 shale
2974	26567	45283	65.8	70.1 limestone
6505	395843	88338	89.9	106.7 bedrock   red
2975	26568	45283	70.1	71.3 sandstone (dr
2976	26569	45283	71.3	76.5 shale
2977	26570	45283	76.5	77.4 sandstone
2978	26571	45283	77.4	89.9 shale
2979	26572	45283	89.9	93 sandstone (dr
2980	26573	45283	93	94.5 shale
2981	26574	45283	94.5	97.5 sandstone
2982	26575	45283	97.5	101.5 shale and clay
2983	96833	45309	0	12.2 brown clay, sa
2984	96834	45309	12.2	15.2 grey sandy cl
2985	96835	45309	15.2	15.8 blue clay
2986	96836	45309	15.8	21.3 heavy grey bli
2987	96837	45309	21.3	21.9 hard shale
2988	96838	45309	21.9	25.9 heavy grey bli
2989	96839	45309	25.9	28 heavy grey bli
2990	96840	45309	28	29.3 hard shale lay
2991	96841	45309	29.3	31.4 shale, water a
2992	163369	45333	0	12.2 clay, loose gra
2993	96863	45356	0	29.9 clay, gravel
2994	96864	45356	29.9	57.9 shale   -source
6506	395844	88338	106.7	108.2 bedrock   bla
2995	258109	45362	0	21.3 blue clay
2996	258110	45362	21.3	26.2 clay and grav

2997	258111	45362	26.2	38.7 blue clay
2998	258112	45362	38.7	39.6 hardpan
2999	258113	45362	39.6	41.8 gravel
3000	258114	45362	41.8	44.2 sand
3001	258115	45362	44.2	45.4 coarse gravel
3002	163400	45370	0	30.5 clays, gravels
3003	26826	45449	0	5.2 brown clay
3004	26827	45449	5.2	9.1 grey sandstor
3005	26828	45449	9.1	13.7 rusty sandstor
3006	26829	45449	13.7	27.4 brown sandstr
3007	26830	45449	27.4	33.5 lime clay
3008	26831	45449	33.5	36.6 shale
3009	26832	45449	36.6	39.9 grey sandstor
3010	26833	45449	39.9	44.2 sandstone
3011	26834	45449	44.2	44.8 limestone
3012	26835	45449	44.8	48.2 shale
3013	26836	45449	48.2	51.8 grey sandstor
3014	26837	45449	51.8	64 shale
3015	26838	45449	64	64.9 lime clay
6603	409242	92381	0	5.5 sand & gravel
6604	409243	92381	5.5	22.6 sand & clay &
3016	258305	45450	0	6.1 heavy blue cl
3017	258306	45450	6.1	18.3 blue grey clay
3018	258307	45450	18.3	21.3 grey clay
3019	258308	45450	21.3	21.9 brown clay
3020	258309	45450	21.9	23.2 grey clay
3021	258310	45450	23.2	24.4 brown clay, m
3022	258311	45450	24.4	25.6 grey clay
3023	258312	45450	25.6	27.4 hard blue caly
3024	258313	45450	27.4	31.7 grey clay
3025	258314	45450	31.7	33.5 brown clay sh
3026	26923	45536	0	5.2 brown clay
3027	26924	45536	5.2	8.8 lime clay
3028	26925	45536	8.8	11.9 blue clay
3029	26926	45536	11.9	14.9 brown sandstr
3030	26927	45536	14.9	15.8 very hard san
3031	26928	45536	15.8	17.4 shale
3032	26929	45536	17.4	18.6 lime clay
3033	26930	45536	18.6	20.1 shale
3034	26931	45536	20.1	21.9 sandstone
3035	26932	45536	21.9	25.6 shale
3036	26933	45536	25.6	35.4 grey sandstor

3037	26934	45536	35.4	36.6 clay
3038	97036	45537	0	2.1 brown clay
3039	97037	45537	2.1	2.7 grey sandstor
3040	97038	45537	2.7	4.9 brown clay
3041	97039	45537	4.9	5.5 grey sandstor
3042	97040	45537	5.5	21 blue clay
3043	97041	45537	21	22.9 sandstone (lo:
3044	97042	45537	22.9	34.7 clay and grav
3045	97043	45537	34.7	45.7 sandstone  - k
3046	26940	45551	0	1.8 brown clay
3047	26941	45551	1.8	5.2 rusty sandstor
3048	26942	45551	5.2	7 shale
3049	26943	45551	7	12.5 rusty sandstor
3050	26944	45551	12.5	14.6 shale
3051	26945	45551	14.6	15.8 lime clay
3052	26946	45551	15.8	17.7 shale
3053	26947	45551	17.7	18.9 lime clay
3054	26948	45551	18.9	20.7 shale
3055	26949	45551	20.7	22.3 lime clay
3056	26950	45551	22.3	23.2 grey sandstor
3057	26951	45551	23.2	25.3 shale
3058	26952	45551	25.3	31.1 grey sandstor
3059	26953	45551	31.1	32 shale, dry
3060	26954	45551	32	35.1 grey sandstor
3061	26955	45551	35.1	38.1 shale
3062	26956	45551	38.1	39.6 limestone
3063	26957	45551	39.6	41.1 shale
3064	26958	45551	41.1	46.3 grey sandstor
3065	26959	45551	46.3	47.2 limestone
3066	163621	45606	0	14.6 sandy brown c
3067	163622	45606	14.6	14.9 heavy blye cla
3068	163623	45606	14.9	19.5 brown clay, w
3069	27022	45607	0	18.3 clay till
3070	27023	45607	18.3	36.6 sandstone
3071	27024	45607	36.6	54.9 siltstone
3072	27025	45607	54.9	99.1 shale
3073	258570	45610	0	8.2 brown clay
3074	258571	45610	8.2	14.3 blue clay and
3075	258572	45610	14.3	16.5 clay and grav
3076	258573	45610	16.5	20.1 gravel and sa
3077	27052	45624	0	27.4 clay till
3078	27053	45624	27.4	36.6 sandstone

3079	27054	45624	36.6	85.3 siltstone
3080	27055	45624	85.3	91.4 broken shale
3081	27056	45626	0	5.5 clay and gravel
3082	27057	45626	5.5	11.6 rusty sandstone
3083	27058	45626	11.6	12.2 brown clay
3084	27059	45626	12.2	13.7 dry grey sand
3085	27060	45626	13.7	14.6 blue clay
3086	27061	45626	14.6	16.8 shale
3087	27062	45626	16.8	18.3 rusty sandstone
3088	27063	45626	18.3	23.2 grey sandstone
3089	27064	45626	23.2	23.5 clay
3090	163645	45660	0	13.7 clay
3091	163646	45660	13.7	48.8 small loose gr
3092	258718	45678	0	0.9 clay
3093	258719	45678	0.9	27.1 grey sandstone
3094	258720	45678	27.1	31.1 limestone
3095	258721	45678	31.1	45.1 grey sandstone
3096	258722	45678	45.1	45.7 clay
3097	163671	45699	0	6.4 clay
3098	163672	45699	6.4	7 pea gravel, cl
3099	163673	45699	7	12.8 brown clay, s
3100	163674	45699	12.8	17.1 heavy clay, s
3101	163675	45699	17.1	18.3 heavy grey cl
3102	163676	45699	18.3	21.3 heavy dark gr
3103	163677	45699	21.3	22.9 brown clay, s
3104	27130	45710	0	14.6 grey clay
3105	27131	45710	14.6	24.4 sandstone
3106	27132	45710	24.4	61 ?
3107	163740	45782	0	6.7 dark brown cl
3108	163741	45782	6.7	14.6 silty clay
3109	163742	45782	14.6	19.5 heavy brown c
3110	163743	45782	19.5	20.7 hard blue gray
3111	163744	45782	31.7	34 brown clay, pe
3112	259020	45801	0	30.8 blue clay
3113	259021	45801	30.8	32.3 rock
3114	259022	45801	32.3	51.8 yellow clay
3115	259023	45802	0	29.6 blue clay
3116	259024	45802	29.6	31.7 quartz and iro
3117	259025	45802	31.7	39.6 sandstone
3118	259026	45802	39.6	40.2 lime clay
3119	97279	45818	0	1.5 brown clay
6605	409244	92381	22.6	25.9 blue black sar

3120	97280	45818	1.5	7.6	rusty sandstor
3121	97281	45818	7.6	9.1	lime clay
3122	97282	45818	9.1	14.3	grey sandstor
3123	97283	45818	14.3	15.2	shale
3124	97284	45818	15.2	17.7	lime clay
3125	97285	45818	17.7	20.1	sandstone (.5
3126	97286	45818	20.1	21.6	shale
3127	97287	45818	21.6	26.2	grey sandstor
3128	97288	45818	26.2	26.5	clay
3129	97292	45830	0	13.7	clay
3130	97293	45830	13.7	57.9	sandstone  - s
3131	259101	45831	0	4	brown clay
3132	259102	45831	4	10.1	shale
3133	259103	45831	10.1	10.7	lime clay
3134	259104	45831	10.7	14.3	blue clay
3135	259105	45831	14.3	16.8	sandstone
3136	259106	45831	16.8	17.7	limeclay
3137	259107	45831	17.7	21.6	shale
3138	259108	45831	21.6	25.9	limestone
3139	259109	45831	25.9	28.7	rusty shale
3140	259110	45831	28.7	32.6	grey sandstor
6685	411307	93671	70.1	76.2	backfill materi
3141	259111	45831	32.6	35.7	shale
3142	259112	45831	35.7	37.2	yellow clay
3143	259113	45831	37.2	44.2	shale
3144	259114	45831	44.2	45.7	sandstone
3145	259115	45831	45.7	46	clay
3146	163802	45846	0	6.1	heavy brown c
3147	163803	45846	6.1	7.3	sand rock
3148	163804	45846	7.3	9.8	brown clay  - c
3149	97331	45894	0	18.3	clay and grave
3150	97332	45894	18.3	61	sandstone  -s
3151	259262	45897	0	13.7	clay and grave
3152	259263	45897	13.7	20.1	washed grave
3153	97333	45898	0	18.3	clay
3154	97334	45898	18.3	61	sandstone an
3155	163851	45906	0	2.4	brown clay
3156	163852	45906	2.4	6.1	heavy brown c
3157	163853	45906	6.1	12.2	light sandy cla
3158	163854	45906	12.2	16.5	heavy grey ck
3159	163855	45906	16.5	18.6	sandy grey ck
3160	163856	45906	18.6	20.7	heavy clay, dr

3161	163857	45906	20.7	25 dark gray clay
3162	163858	45906	25	26.8 hard layers of
3163	163859	45906	26.8	27 heavy clay, cc
3164	259299	45910	0	10.7 brown clay
3165	259300	45910	10.7	34.1 grey sandstor
3166	259301	45910	34.1	35.7 hardpan
3167	259302	45910	35.7	37.5 lime clay
3168	259303	45910	37.5	39.6 shale
3169	259304	45910	39.6	44.8 grey sandstor
3170	259305	45910	44.8	47.2 limestone
3171	259306	45910	47.2	53.3 shale
3172	259307	45910	53.3	57.9 grey sandstor
3173	259308	45910	57.9	66.4 shale
3174	259309	45910	66.4	67.1 lime clay
3175	259310	45910	67.1	80.8 shale
3176	259311	45910	80.8	95.1 sandstone
3177	97358	45932	0	2.4 dark brown cl
3178	97359	45932	2.4	14.9 lighty brown s
3179	97360	45932	14.9	17.1 heavy brown c
3180	97361	45932	17.1	18.3 heavy blue gr
3181	97362	45932	18.3	22.6 brown clay, la
3182	97363	45932	22.6	27.4 shale layers ir
6882	69667	98197	219.5	228.6 shale
6883	416194	98200	0	32.6 clay grey
3183	97364	45932	27.4	28 hardpan
3184	97401	45946	0	30.5 clay
3185	97402	45946	30.5	44.2 loose gravel
3186	97403	45946	44.2	131.1 shale and san
3187	163911	45951	0	5.5 heavy brown c
3188	163912	45951	5.5	7.3 light grey clay
3189	163913	45951	7.3	19.8 grey clay
3190	163914	45951	19.8	35.1 brown clay
3191	163915	45951	35.1	37.2 blue clay
3192	163916	45951	37.2	40.2 brown clay sa
3193	259395	45964	0	5.5 sticky brown c
3194	259396	45964	5.5	11 light yellow cl
3195	259397	45964	11	14.6 silty brown cl
3196	259398	45964	14.6	17.4 heavy brown c
3197	259399	45964	17.4	22.9 light grey clay
3198	259400	45964	22.9	25.9 water, crystal
3199	27430	45992	0	7.6 blue clay
3200	27431	45992	7.6	10.7 sandstone (dr

3201	27432	45992	10.7	14.3 blue clay
3202	27433	45992	14.3	15.8 lime clay
6884	416195	98200	32.6	41.1 shale grey
6885	416196	98200	41.1	41.5 coal black
3203	27434	45992	15.8	18.3 shale
3204	27435	45992	18.3	21.9 yellow clay
3205	27436	45992	21.9	26.5 shale
3206	27437	45992	26.5	27.4 blue clay
3207	27438	45992	27.4	28.3 lime clay
3208	27439	45992	28.3	30.5 sandstone(dry
3209	27440	45992	30.5	32.6 blue clay
3210	27441	45992	32.6	38.7 grey sandstor
3211	27442	45992	38.7	39.6 limestone
3212	27443	45992	39.6	44.8 grey sandstor
3213	27444	45992	44.8	45.7 limestone
3214	259470	45995	0	9.4 clay, some gr
3216	259472	45996	0	32.6 mostly clay
3217	259473	45997	0	13.7 clay
3218	259474	45997	13.7	15.2 clay and some
3219	259475	45997	15.2	30.5 clay
3220	259476	45997	30.5	50.6 shale, sandst
3221	259477	45997	50.6	59.4 sand and san
3222	259478	45997	59.4	73.2 clay and sand
3223	259479	45997	73.2	112.8 shale and clay
3224	164007	46054	0	18.3 clay
3225	164008	46054	18.3	30.5 clay and grav
6886	416197	98200	41.5	121.3 shale grey fra
3226	164009	46054	30.5	33.5 gravel
3227	164010	46054	33.5	33.8 bedrock  sour
3228	27540	46056	0	27.4 blue clay
3229	27541	46056	27.4	31.1 sandstone
3230	27542	46056	31.1	31.7 hardpan
3231	27543	46056	31.7	44.2 grey sandstor
3232	97485	46072	0	30.5 clay
3233	97486	46072	30.5	39.6 loose gravel
3234	97487	46072	39.6	111.3 shale bedrock
3235	164016	46080	0	3 brown clay an
3236	164017	46080	3	14.9 brown sandy c
3237	164018	46080	14.9	15.2 heavy brown c
3238	164019	46080	15.2	17.1 sandy with cla
3239	27585	46081	0	11.6 blue clay and
3240	27586	46081	11.6	13.1 yellow clay

3241	27587	46081	13.1	15.2 red sandstone
3242	27588	46081	15.2	18.6 sandstone (ru
3243	27589	46081	18.6	19.2 hardpan
3244	27590	46081	19.2	24.7 shale
3245	27591	46081	24.7	25.6 shale
3246	27592	46081	25.6	29.3 sandstone (lo
3247	27593	46081	29.3	32.6 blue clay
3248	27594	46081	32.6	36.9 sandstone (w
6887	416198	98200	121.3	121.6 coal black
3249	27595	46081	39.9	41.5 limestone
3250	27596	46081	41.5	44.2 grey sandstor
3251	27597	46081	44.2	45.7 shale
3252	27623	46101	0	6.7 brown clay
3253	27624	46101	6.7	15.2 sandstone
3254	27625	46101	15.2	23.2 shale
3255	27626	46101	23.2	26.8 grey sandstor
3256	27627	46101	26.8	41.1 shale
3257	27628	46101	41.1	45.7 sandstone
3258	259840	46190	0	1.5 brown clay
3259	259841	46190	1.5	32 grey sandstor
3260	259842	46190	32	33.5 clay
3261	259843	46190	33.5	43.3 sandstone
3262	259844	46190	43.3	45.7 clay
3263	259851	46192	0	36.6 clay, gravel ar
3264	259852	46192	36.6	82.3 shale and san
3265	27756	46210	0	19.8 clay and grav
3266	27757	46210	19.8	20.4 hardpan
3267	27758	46210	20.4	39.9 clay and grav
3268	27759	46210	39.9	48.2 sandstone
3269	27760	46210	48.2	51.8 blue clay
3270	27823	46267	0	18.3 clay
3271	27824	46267	18.3	36.6 loose gravel
3272	27825	46267	36.6	100.6 shale and san
3273	260033	46268	0	11 heavy blue cla
3274	260034	46268	11	15.2 light brown cla
3275	260035	46268	15.2	21.3 heavy brown c
3276	260036	46268	21.3	24.4 heavy brown :
3277	260037	46268	24.4	30.5 brown clay sil
3278	260038	46268	30.5	32.3 heavy rock bc
3279	27873	46305	0	25 clay
3280	27874	46305	25	30.5 sandstone
3281	27875	46305	30.5	40.5 lost circulatio



3282	164179	46360	0	13.7 clay
3283	164180	46360	13.7	54.9 clay, loose gra
3284	260259	46372	0	0.6 sandy clay
3285	260260	46372	0.6	71.3 gravel
3286	260265	46377	0	12.2 clay
3287	260266	46377	12.2	36.6 clay and loose
3288	260293	46390	0	25.9 clay
3289	260294	46390	25.9	30.5 loose gravel
3290	27964	46391	0	36.6 clay, little grav
3291	27965	46391	36.6	57.9 shale and san
3292	260295	46392	0	9.8 clay - blue dai
3293	260296	46392	9.8	12.5 clay - light brc
3294	260297	46392	12.5	15.8 clay - heavy b
3295	260298	46392	15.8	17.1 clay - hard
6888	416199	98200	121.6	153.3 shale grey
6889	416204	98202	0	35.1 clay till   grey
3296	260299	46392	17.1	21 clay - brown
3297	260300	46392	21	23.8 clay - brown (:
3298	260301	46392	23.8	29 clay - blue hea
3299	260302	46392	29	29.3 sandrock - ha
3300	260303	46392	29.3	36.6 clay - brown, l
3301	260304	46392	36.6	37.8 clay - light gre
3302	260305	46392	37.8	39 clay - blue, he
3303	260306	46392	39	48.8 clay - light gre
3304	260307	46392	48.8	57.6 clay and sand
3305	260438	46454	0	18.9 brown clay, sa
3306	260439	46454	18.9	20.4 dark brown cl
3307	260440	46454	20.4	20.7 hard sandstor
3308	260441	46454	20.7	21.3 shale layer oil
3309	260442	46454	21.3	22.3 hard sandstor
3310	260443	46454	22.3	28.7 heavy grey cl
3311	260444	46454	28.7	31.4 grey sandy cl
3312	260445	46454	31.4	32 blue clay
3313	260446	46454	32	36.6 shale layers li
3314	28058	46457	0	14.6 clay
3315	28059	46457	14.6	38.4 gravel and cla
6890	416205	98202	35.1	36.6 sandstone gr
9106	324283	102787	0	3.7 till
3316	28060	46457	38.4	62.8 sandstone
3317	260506	46502	0	14.3 sandstone brc
3318	260507	46502	14.3	18.9 brown clay
3319	260508	46502	18.9	23.8 blue grey clay

3320	260509	46502	23.8	24.1 air gap
3321	260510	46502	24.1	25.9 sandstone lay
3322	260511	46502	25.9	27.4 sand layer
3323	260512	46502	27.4	29 grey clay som
3324	260513	46502	29	29.3 silt with small
3325	260514	46502	29.3	33.5 hard grey clay
3326	260515	46502	33.5	36 heavy silt clay
3327	260516	46502	36	40.2 brown clay
3328	260517	46502	40.2	41.1 silty brown cla
3329	260518	46502	41.1	46.3 hard shaly cla
3330	28196	46593	0	12.2 clay
3331	28197	46593	12.2	24.4 gravel
3332	28198	46593	24.4	137.2 bedrock shale
3333	260688	46611	0	12.2 clay
3334	260689	46611	12.2	18.3 gravel some c
3335	164459	46612	0	4.6 coarse gravel
3336	164460	46612	4.6	5.5 brown hardpa
3337	164461	46612	5.5	13.7 brown hardpa
3338	164462	46612	13.7	24.4 dry aome mix
3339	164463	46612	24.4	25.6 tight dry broke
3340	164464	46612	25.6	42.1 brown silt
3341	164465	46612	42.1	46.9 brwon hardpa
3342	164466	46612	46.9	49.8 fine blue w/b s
3343	164467	46612	49.8	50.3 dry brown silt
3344	164468	46612	50.3	60 fine silty w/b s
3345	164469	46612	60	61.3 fine w/b sand
3346	28276	46670	0	30.5 clay and grav
3347	28277	46670	30.5	36.6 sandstone
3348	28278	46670	36.6	38.1 clay
3349	164521	46671	0	6.1 gravel
3350	164522	46671	6.1	65.5 sand and silt
3351	164523	46671	65.5	67.1 gravel  - sourc
3352	164528	46684	0	59.4 sand and silt
3353	164529	46684	59.4	61 gravel  - sourc
3354	97954	46750	0	15.2 clay
3355	97955	46750	15.2	39.6 bedrock (shal
3356	164624	46779	0	4.6 clay
3357	164625	46779	4.6	12.2 gravel  - sourc
3358	98132	47020	0	4.6 brown clay
3359	98133	47020	4.6	13.7 blue gumbo
3360	98134	47020	13.7	15.2 lime clay
3361	98135	47020	15.2	16.2 grey rock

3362	98136	47020	16.2	16.8 sand cavity
3363	98137	47020	16.8	30.5 blue gumbo
3364	98138	47020	30.5	39.6 blue shale and
3365	98139	47020	39.6	50.3 blue shale  - n
3367	164809	47122	1.2	3.4 sand
3368	164810	47122	3.4	4.6 gravel
3369	164811	47122	4.6	34.1 clay
3370	164812	47122	34.1	40.5 sand
3371	29082	47437	0	9.8 sandstone
3372	29083	47437	9.8	12.2 sand
3373	29084	47437	12.2	20.7 clay
3374	29085	47437	20.7	26.2 sandstone
3375	165267	47716	0	6.1 clay
3376	165268	47716	6.1	7.3 rock shelf
3377	165269	47716	7.3	9.8 blue clay  - wa
3378	165278	47785	0	6.1 clay
3379	165279	47785	6.1	18.3 gravel (water)
3380	98798	47816	0	25.3 clay and comp
3381	98799	47816	25.3	33.5 sandstone  -s
6891	416206	98202	36.6	39.3 shale grey fra
6892	416207	98202	39.3	41.1 sandstone gr
3382	165381	47900	0	7.3 heavy brown c
3383	165382	47900	7.3	9.8 clay and pea (
3384	165383	47900	9.8	17.7 silty clay
3385	165384	47900	17.7	23.8 heavy blue gr
3386	165385	47900	23.8	29.3 layers of sand
3387	165386	47900	29.3	32.3 dry shale
3388	165387	47900	32.3	35.4 small pea gra
3389	165388	47900	35.4	39 hard dry layer
3390	165389	47900	39	40.5 layers of shale
3391	165390	47900	40.5	40.8 shale and little
3392	165391	47900	40.8	42.7 heavy grey cl
3393	165392	47900	42.7	61.9 dark grey clay
3394	165393	47900	61.9	65.8 hard shaley cl
3395	165431	47982	0	53.6 clay
3396	165432	47982	53.6	106.7 shale  - sourc
3397	98961	47999	0	26.2 clay and grav
3398	98962	47999	26.2	33.5 sandstone  - s
3399	165452	48007	0	33.5 clay
3400	165453	48007	33.5	36.6 gravel  -sourc
3401	263919	48195	0	15.2 clay
6893	416208	98202	41.1	46.3 shale grey

3402	263920	48195	15.2	18.3 quicksand
3403	263921	48195	18.3	24.4 blue clay
3404	99185	48314	0	22.9 clay and tight
3405	99186	48314	22.9	94.5 shale and san
3406	165653	48325	0	19.5 clay and grav
3407	165654	48336	0	39.6 clay and little
3408	264429	48467	0	4.9 heavy brown c
3409	264430	48467	4.9	5.5 gravel
3410	264431	48467	5.5	10.1 brown clay an
3411	264432	48467	10.1	10.7 layers hard ro
3412	264433	48467	10.7	14.6 heavy greyish
3413	264434	48467	14.6	17.7 sandstone an
3414	264435	48467	17.7	21.3 grey clay sanc
3415	264436	48467	21.3	31.7 heavy dark gr
3416	264437	48467	31.7	32.3 sandy silty sh
3417	264438	48467	32.3	35.2 shale
3418	99274	48477	0	12.2 clay
3419	99275	48477	12.2	70.1 shale  source
3420	30356	48500	0	3 brown sandy c
3421	30357	48500	3	11.6 sandstone, sil
3422	30358	48500	11.6	11.7 and shale
6894	416209	98202	46.3	47.2 sandstone gr
6895	416210	98202	47.2	71.6 shale grey
3423	99287	48511	0	13.7 clay
3424	99288	48511	13.7	27.4 shale and san
3425	165732	48524	0	15.2 clay and grav
3426	165791	48569	0	18.3 sand
3427	165792	48569	18.3	79.2 clay, sand, litt
3428	165793	48589	0	15.2 gravel
3429	165794	48589	15.2	82.3 clay
3430	165795	48589	82.3	101.8 sand and grav
3431	165807	48610	0	6.1 brown clay
3432	165808	48610	6.1	6.7 pea gravel
3433	165809	48610	6.7	13.4 heavy dasrk b
3434	165810	48610	13.4	14.6 dark grey san
3435	165811	48610	14.6	17.1 light brwon cl
3436	165812	48610	17.1	24.4 dark grey clay
3437	165813	48610	24.4	29.9 heavy brown c
3438	165814	48610	29.9	30.8 brown sandstr
3439	165815	48610	30.8	31.7 pea gravel
3440	165816	48610	31.7	39.6 heavy grey cl
3441	165817	48610	39.6	41.8 shaley clay ar

3442	165833	48634	0	73.2 clay
3443	165834	48634	73.2	91.4 silt and sand
3444	165835	48634	91.4	121.9 clay  - source
6896	416211	98202	71.6	72.2 sandstone gr
3445	99343	48666	0	13.7 sand, gravel a
3446	99344	48666	13.7	131.1 sandstone  - s
3447	165868	48668	0	3 brown clay
3448	165869	48668	3	6.1 light grey clay
3449	165870	48668	6.1	17.7 sandstone lay
3450	165871	48668	17.7	18.3 blue clay
3451	165872	48668	18.3	25 light grey clay
3452	165873	48668	25	25.9 shale layer
3453	165874	48668	25.9	30.5 heavy brown c
3454	165875	48668	30.5	40.2 layers shale a
3455	165876	48668	40.2	42.1 shale and fine
3456	30683	48689	0	1.2 brown clay
3457	30684	48689	1.2	14.6 sandstone cla
3458	30713	48706	0	3 clay
3459	30714	48706	3	22.9 sandstone
3460	30715	48706	22.9	24.4 clay
3461	30716	48706	24.4	30.5 sandstone
3462	30763	48748	0	3 dark grey clay
3463	30764	48748	3	9.1 sandy brown c
3464	30765	48748	9.1	9.8 heavy brown c
6897	416212	98202	72.2	98.1 shale grey
6898	416215	98206	0	20.7 clay & rocks
3465	30766	48748	9.8	10.7 light brown clæ
3466	30767	48748	10.7	16.2 brown clay
3467	30768	48748	16.2	17.1 sandstone
3468	30769	48748	17.1	22.3 light brown clæ
3469	30770	48748	22.3	27.4 brown clay, st
3470	30771	48748	27.4	30.5 sandstone an
3471	30772	48748	30.5	38.1 shale and wat
3472	165935	48756	0	9.1 gravel
3473	165936	48756	9.1	80.8 fine sand and
3474	165937	48761	0	21.3 sand and grav
3475	165938	48761	21.3	132 silt and sands
3476	165939	48761	132	138.1 sand and grav
3477	165940	48762	0	21.9 sand and grav
3478	165941	48762	21.9	141.7 silt and sand
3479	165942	48762	141.7	143.3 sand and grav
3480	99416	48772	0	76.2 clay and bouk

3481	165969	48792	0	3 sand
3482	165970	48792	3	9.1 clay
3483	165971	48792	9.1	12.2 dirty gravel
3484	165972	48792	12.2	39.6 glacial "till" , c
3485	165973	48792	39.6	42.7 sand and grav
3486	165974	48794	0	6.7 brown silty cla
3487	165975	48794	6.7	8.8 heavy brown c
3488	165976	48794	8.8	19.8 blue grey clay
3489	165977	48794	19.8	36 blue grey clay
3490	99430	48801	0	53.3 clay "till"
3491	99431	48801	53.3	121.9 bedrock - san
3492	165998	48831	0	4.6 heavy grey cl
3493	165999	48831	4.6	12.2 blue grey clay
3494	166000	48831	12.2	15.8 white clay
3495	166001	48831	15.8	16.9 dark grey sha
3496	265322	48926	0	25.6 clay
3497	265323	48926	25.6	28 gravel
3498	265324	48926	28	35.1 clay
3499	265325	48926	35.1	49.1 sandstone
3500	265326	48926	49.1	53.3 clay
3501	265327	48926	53.3	56.4 sandstone
3502	265328	48926	56.4	58.5 clay
3503	265329	48926	58.5	67.1 sandstone
3504	265330	48926	67.1	76.2 clay
3505	31125	48987	0	21.9 clay
3506	31126	48987	21.9	64 sandstone
3507	265432	48996	0	42.7 clay
6899	416216	98206	20.7	47.5 shale grey
3508	265433	48996	42.7	50.3 mudstone sha
3509	265434	48996	50.3	97.5 shales (soft)
3510	166180	49080	0	109.7 silty clay
3511	166181	49080	109.7	115.8 gravels  - sou
3512	31265	49087	0	3 swamp clay
3513	31266	49087	3	7.9 brn sand and
3514	31267	49087	7.9	9.1 broken bedroc
3515	265537	49088	0	7 sand
3516	265538	49088	7	8.5 sand and grav
3517	265539	49088	8.5	10.4 sand and grav
3519	99759	49102	0	82.3 shale  - sourc
3520	31282	49110	0	5.5 clay
3521	31283	49110	5.5	15.2 sandstone
3522	31284	49110	15.2	16.5 clay

3523	31285	49110	16.5	32.3 sandstone
3524	31297	49119	0	4.6 sand and grav
3525	31298	49119	4.6	21.3 silty sand and
3526	31299	49119	21.3	121.9 fine grained r
3527	99783	49133	0	54.9 clay and grav
3528	99784	49133	54.9	76.2 shale  - sourc
3529	99797	49159	0	27.4 clay
3530	99798	49159	27.4	131.1 shale  - sourc
6900	416217	98206	47.5	50.6 sandstone gr
3531	31377	49189	0	3 brown clay
3532	31378	49189	3	14.6 sandstone an
3533	31379	49189	14.6	18.3 hard brown cl
3534	31380	49189	18.3	19.8 light grey clay
3535	31381	49189	19.8	20.4 hard brown cl
3536	31382	49189	20.4	28 light grey clay
3537	31383	49189	28	29.6 dark grey sha
3539	265730	49199	3.7	5.8 sand clay & g
3540	265731	49199	5.8	8.5 clay & sand
3541	265732	49199	8.5	13.4 sand gravel s
3542	265818	49247	0	56.4 blue clay
3543	265819	49247	56.4	62.5 lime clay
3544	265820	49247	62.5	70.7 blue clay
3545	31497	49280	0	54.9 blue clay
3546	31498	49280	54.9	57.9 sand
3547	31499	49280	57.9	70.1 blue clay
3548	31500	49280	70.1	76.2 sandstone
3549	99900	49335	0	6.4 brown clay an
3550	99901	49335	6.4	7.3 hard clay and
3551	99902	49335	7.3	16.8 brown sandy c
3552	99903	49335	16.8	19.2 whiteish grey
3553	99904	49335	19.2	20.7 brown shale a
3554	99905	49335	20.7	25.3 white clay mo
3555	99906	49335	25.3	25.9 brown shale a
6901	416218	98206	50.6	56.1 shale grey
6902	416219	98206	56.1	56.7 sandstone gr
3556	99907	49335	25.9	31.1 dark grey clay
3557	99908	49335	31.1	32 very dark lots
3558	99909	49335	32	38.7 blue grey clay
3559	99910	49335	38.7	39.3 shale and wat
3560	166422	49414	0	12.8 brown clay an
3561	166423	49414	12.8	23.8 light grey clay
3562	166424	49414	23.8	28 brown sandy c

3563	166425	49414	28	28.7	hard rock
3564	166426	49414	28.7	32	sandstone br
3565	166427	49414	32	32.6	hard rock laye
3566	166428	49414	32.6	36.6	brown clay
3567	166429	49414	36.6	40.8	grey clay, 26ft
3568	166430	49414	40.8	45.1	brown layers l
3569	166431	49414	45.1	52.4	hard blue-grey
3570	266248	49458	0	9.1	brown clay an
3571	266249	49458	9.1	11.6	hard sandstor
3572	266250	49458	11.6	20.7	heavy brown c
3573	266251	49458	20.7	22.6	dark brown sil
3574	266252	49458	22.6	29.9	heavy brown c
3575	266253	49458	29.9	30.2	sandstone lay
6903	416220	98206	56.7	63.4	shale grey
3576	31758	49511	0	1.5	gravel
3577	31759	49511	1.5	5.5	blue clay
3578	31760	49511	5.5	21.3	shale
3579	266429	49527	0	30.5	clay and rock
3580	266430	49527	30.5	36.6	gravel
3581	166689	49787	0	21.3	sand and grav
3582	166690	49787	21.3	138.7	silt
3583	166691	49787	138.7	144.2	silty sand and
3584	166692	49787	144.2	144.8	sand and grav
3585	100225	49789	0	57.9	clay and grav
3586	100226	49789	57.9	61	shale  - sourc
3587	166693	49790	0	4.6	heavy brown c
3588	166694	49790	4.6	9.4	silty brown cla
3589	166695	49790	9.4	10.7	water loss, sa
3590	166696	49790	10.7	16.8	brown sandy c
3591	166697	49790	16.8	19.2	heavy gummy
3592	166698	49790	19.2	21.3	sandstone
3593	166699	49790	21.3	25.3	heavy blue cl
3594	166700	49790	25.3	26.2	soft silty clay
3595	166701	49790	26.2	27.4	grey clay
6904	416221	98206	63.4	64	sandstone gr
3596	166702	49790	27.4	39.6	dry shaley cla
3597	166703	49790	39.6	40.2	silty layers in
3598	166704	49790	40.2	40.8	sandstone
3599	166705	49790	40.8	50.3	heavy blue gr
3600	267059	49832	0	2.4	brown clay
3601	267060	49832	2.4	15.2	soft gumbo
3602	267061	49832	15.2	16.8	soft lime clay



3603	267062	49832	16.8	24.4 blue gumbo
3604	267063	49832	24.4	32.9 hard lime clay
3605	267064	49832	32.9	33.8 blue gumbo
3606	267065	49832	33.8	35.1 lime clay
3607	267066	49832	35.1	41.1 blue grey shal
3608	267067	49833	0	4.6 brown clay
3609	267068	49833	4.6	5.5 brown clay ro
3610	267069	49833	5.5	8.5 sand rock anc
3611	267070	49833	8.5	9.8 fine silty sand
3612	32071	49834	0	9.1 sand and sticl
3613	32072	49834	9.1	25.6 soft gumbo m
3614	32073	49834	25.6	26.2 grey stone
3615	32074	49834	26.2	28.7 shale
6905	416222	98206	64	92 shale grey
3616	32075	49834	28.7	33.5 red sandstone
3617	32076	49834	33.5	34.1 water bearing
3618	32077	49834	34.1	39.3 sandstone (w)
3619	32078	49834	39.3	39.6 white lime cla
3620	32262	49996	0	5.2 silty clay
3621	32263	49996	5.2	24.4 fractured wate
3622	32264	49996	24.4	54.9 dark brown to
3623	100397	50011	0	15.2 silty grey clay
3624	100398	50011	15.2	54.9 med-hard gritt
3625	100432	50041	0	24.7 silty clay, dark
3626	100433	50041	24.7	25.9 boulders, som
3627	100434	50041	25.9	67.1 grey - light gre
3628	267890	50273	0	9.1 silty clay
3629	267891	50273	9.1	9.8 hard shale lay
3630	267892	50273	9.8	20.7 heavy dark gr
3631	267893	50273	20.7	21.9 silty heavy da
3632	267894	50273	21.9	28 sticky dark gre
3633	267895	50273	28	29.9 dark grey clay
3634	267896	50273	29.9	32.9 soft dark grey
3635	267897	50273	32.9	36 hard dark grey
3636	267898	50273	36	56.4 fine sandstone
3637	267899	50273	56.4	61 dark brwon cl
3638	267900	50273	61	67.1 light brown sa
3639	267901	50273	67.1	68 hard black sha
3640	167405	50315	0	11 brown clay
3641	167406	50315	11	11.3 pea gravel
3642	167407	50315	11.3	12.2 heavy brown c
3643	167408	50315	12.2	17.4 sandy silty cla

3644	167409	50315	17.4	24.4 dark brown sil
3645	167410	50315	24.4	30.5 heavy brown c
3646	167411	50315	30.5	35.1 shaley clay
3647	167412	50315	35.1	36.3 hard sandstor
3648	167413	50315	36.3	36.9 soft sandstonc
3649	167414	50315	36.9	44.5 brown clay an
3650	167514	50393	0	11.6 boulders, san
3651	167515	50393	11.6	121.9 silt, some fine
3652	167516	50393	121.9	256 silt, hard, gritt
3653	167517	50393	256	332.2 clay, some co
3654	167518	50393	332.2	361.2 hard rock
3655	268325	50464	0	14.6 clay
3656	268326	50464	14.6	41.8 sandstone
3657	268327	50464	41.8	46.9 shale
3658	268328	50464	46.9	49.7 clay
3659	268540	50568	0	11.3 sandstone, br
3660	268541	50568	11.3	18.6 shaley clay
3661	268542	50568	18.6	18.9 dark silty clay
3662	268543	50568	18.9	21.3 heavy brown c
3663	268544	50568	21.3	22.9 grey clay
3664	268545	50568	22.9	24.4 brown clay sa
3665	268546	50568	24.4	39.6 sandstone cla
3666	269144	50810	0	8.5 brown clay
3667	269145	50810	8.5	9.8 gravel and sai
3668	269146	50810	9.8	17.1 brown clay lay
3669	269147	50810	17.1	30.8 sandstone lay
3670	269148	50810	30.8	31.4 fine sand
3671	269149	50810	31.4	40.2 brown clay, la
3672	269150	50810	40.2	45.7 soft sand and
3673	269151	50810	45.7	46.3 sand-seepage
3674	269152	50810	46.3	51.8 sand, dark gre
3675	269153	50811	0	0.9 clay
3676	269154	50811	0.9	23.2 shale
3677	269155	50811	23.2	35.1 sandstone
3678	269156	50811	35.1	39.6 clay
3679	269297	50905	0	62.5 blue clay
3680	269298	50905	62.5	68.6 sand
3681	269299	50905	68.6	69.5 yellow clay
3682	269300	50905	69.5	93 sandstone
3683	269301	50905	93	94.5 blue clay
3684	33364	51080	0	11.6 heavy brown c
3685	33365	51080	11.6	17.1 heavy brown c

3686	33366	51080	17.1	38.1 heavy brown c
3687	33367	51080	38.1	48.5 heavy dark br
3688	33368	51080	48.5	48.8 sandstone- wa
3689	269669	51126	0	6.1 dry sandy gra
3690	269670	51126	6.1	12.2 wet sandy gra
3691	269677	51133	0	11 heavy brown c
3692	269678	51133	11	29.3 light brown cla
3693	269679	51133	29.3	30.2 hard sandstor
3694	269680	51133	30.2	30.8 dry hard brow
3695	269681	51133	30.8	34.1 hard sandstor
3696	269682	51133	34.1	38.4 sandy clay lay
3697	269683	51134	0	12.2 clay, gravel m
3698	269684	51134	12.2	16.2 gravel
3699	101693	51278	0	1.2 clay
3700	101694	51278	1.2	15.2 sandstone  - v
3701	34102	51785	0	3 sandstone
3702	34103	51785	3	9.1 sandy clay
3703	34104	51785	9.1	15.2 sandstone
3704	34122	51792	0	3 sandy clay
3705	34123	51792	3	9.1 clay
3706	34124	51792	9.1	18.3 sand and shal
3707	34125	51792	15.2	18.3 blue clay and
3708	34494	52084	0	4.9 brown clay
3709	34495	52084	4.9	7.3 shale and bro
3710	34496	52084	7.3	9.4 shale, sandst
3711	168846	52085	0	12.8 heavy brown c
3712	168847	52085	12.8	13.1 gravel
3713	168848	52085	13.1	23.2 heavy grey cla
3714	168849	52085	23.2	34.1 heavy dark br
3715	168850	52085	34.1	45.7 silty clay and :
3716	168851	52085	45.7	47.9 light silt push
3717	34593	52160	0.3	3 clay
3718	34594	52160	3	4.6 gravel
3719	34595	52160	4.6	24.4 clay
3720	34596	52160	24.4	25.9 blue clay
3721	34597	52160	25.9	34.1 clay and string
3722	34598	52160	34.1	40.2 sandstone
3723	34708	52235	0	12.2 clay and string
3724	34709	52235	12.2	24.4 black shale
3725	34710	52235	24.4	25.9 blue clay
3726	34711	52235	25.9	42.7 sandstone
3727	34753	52266	0	1.5 clay

3728	34754	52266	1.5	4.6 sandstone
3729	34755	52266	4.6	6.1 sandstone (fr
3730	271773	52304	0	10.7 gravel
3731	271774	52304	10.7	13.7 silt and gravel
3732	271775	52304	13.7	105.2 silt
3733	271776	52304	105.2	117.3 silty sand
3734	271777	52304	117.3	118.9 silty gravels
3735	271778	52304	120.1	121.9 gravel (silty) b
3736	169087	52342	0	3.7 hard brown cl
3737	169088	52342	3.7	7 sandy brown c
3738	169089	52342	7	11.3 heavy light br
3739	169090	52342	11.3	16.2 heavy dark br
3740	169091	52342	16.2	19.2 light grey clay
3741	169145	52391	0	0.9 soil, dry
3742	169146	52391	0.9	3 sand and grav
3743	169147	52391	3	5.5 sand and grav
3744	169148	52391	5.5	14.9 fine sand, gre
3745	169149	52391	14.9	21 fine sand, gre
3746	169150	52391	21	27.4 sand, clean
3747	169151	52391	27.4	34.1 fine sand and
3748	169152	52391	34.1	36.6 gravel, black s
3749	169153	52391	36.6	47.2 gravel, clean,
3750	169154	52392	0	4.3 back fill
3751	169155	52392	4.3	5.5 silt, grey
3752	169156	52392	5.5	6.1 sand and grav
3753	169157	52392	6.1	10.7 silty gravel till
3754	169158	52392	10.7	11.9 silty gravel
3755	169159	52392	11.9	18.3 silty sand and
3756	169160	52392	18.3	27.4 coarse gravel
3757	169161	52392	27.4	29 silty sand, gre
3758	169162	52392	29	35.1 coarse sand a
3759	169215	52468	0	3 sandy gravel,
3760	169216	52468	3	5.2 sandy gravel,
3761	169217	52468	5.2	9.1 shale bedrock
3762	272192	52541	0	3.7 gravel
3763	272193	52541	3.7	7.9 sand brown
3764	272194	52541	7.9	11.3 sand and silt
3765	272195	52541	11.3	12.8 sand and sorr
3766	272202	52541	12.8	46 sand silty grey
3767	272196	52541	46	50.3 gravel, coarse
3768	272197	52541	50.3	54.3 sand and silt
3769	272198	52541	54.3	58.8 coarse sand a

3770	272199	52541	58.8	61.9 till, sand and g
3771	272200	52541	61.9	63.6 sand and grav
3772	272201	52541	63.6	63.9 shale (bedroc
3773	272203	52542	0	3 gravel brown :
3774	272204	52542	3	3.7 boulders
3775	272205	52542	3.7	5.8 wet sandy gra
3776	272206	52542	5.8	21.3 fine wet sand
3777	272207	52542	21.3	24.4 fine sand silt s
3778	272208	52542	24.4	36 fine sand silt
3779	272209	52542	36	40.2 coarse sand s
3780	272210	52542	40.2	42.1 gravel, some :
3781	272214	52542	42.1	52.1 fine sand, silty
3782	272211	52542	52.1	60.4 sand and grav
3783	272212	52542	60.4	61 sand and silt
3784	272215	52543	0	3 humus brown
3785	272216	52543	3	3.7 boulder
3786	272217	52543	3.7	5.8 wer sandy gra
3787	272218	52543	5.8	21.3 fine sand, wet
3788	272219	52543	21.3	24.4 fine sand silt,
3789	272220	52543	24.4	36 fine sand silt
3790	272221	52543	36	40.2 coarse sand s
3791	272222	52543	40.2	42.1 gravel, some :
3792	272223	52543	42.1	52.1 fine sand, silty
3793	272224	52543	52.1	60.4 sand and grav
3794	272225	52543	60.4	61 sand and silt
3795	272226	52543	61	64 gravel
3796	272227	52543	64	64.3 till, no water
3797	272228	52544	0	7 fill, sandy soil,
3798	272229	52544	7	15.8 sand fine, moi
3799	272230	52544	15.8	21.3 sandy gravel
1	151	209	0	4.6 clay
2	152	209	4.6	16.8 clay and grey
3	153	209	16.8	21.3 sandstone
4	154	209	21.3	25 sandstone stri
135	182325	1579	0	20.7 gumbo clay
3800	272231	52544	21.3	25.6 coarse sand, '
3801	272232	52544	25.6	47.2 sand and grav
3802	272233	52544	47.2	51.8 shale
3803	35214	52582	0	9.8 clay
3804	35215	52582	9.8	12.2 sandstone
3805	272441	52653	0	5.5 coarse gravel
3806	272442	52653	5.5	10.7 sand and grav

3807	272443	52653	10.7	24.1 fine sand and
3808	272444	52653	24.1	27.4 gravel
3809	272445	52653	27.4	42.1 sand and grav
3810	272514	52685	0	5.5 gravel
3811	272515	52685	5.5	10.7 sand and grav
537	192766	15951	1.8	2.1 blue gumbo cl
970	205072	22126	0	86.9 all clay
143	182334	1586	0	1.2 soil
238	183199	2434	0	3.7 gumbo clay
353	188716	11892	0	1.5 clay
455	189878	13924	0	10.7 gumbo clay
567	193767	16472	0	10.4 gumbo clay
568	193768	16475	0	12.2 gumbo clay
681	196146	17925	0	54.9 blue gumbo cl
682	196147	17925	54.9	75.6 silt (hard drillir
760	198096	19070	0	6.1 clay
779	198221	19161	0	0.3 organic overb
780	198222	19161	0.3	2.1 light brown sa
802	199518	19811	0	121.9 grey silty clay
821	201060	20444	0	30.5 clay
830	136256	20452	0	2.4 clay
866	202833	21221	0	76.2 gumbo clay
877	202840	21226	0	14.9 real fine hard
1112	207519	23189	0	7.6 clay
1113	207520	23189	7.6	9.1 blue clay
1126	207910	23423	0	1.5 sand and clay
1129	207913	23423	7.9	15.8 cemented gra
1310	142091	25196	18.3	19.2 hard sandstor
1522	220879	28452	0	27.4 clay
1551	223839	29612	0	18.3 clay
1562	223846	29618	0	25.9 clay
8591	428741	102701	5.5	12.2 clay
1745	150115	32432	0	3.7 brown sandy c
1746	150116	32432	3.7	10.4 heavy grey cl
1801	150477	32860	0	3.7 rocks heavy c
2137	156027	38024	0.9	2.4 cemented gra
2104	241747	37835	0	0.6 soil
2252	244230	39079	0	53.3 clay, sand, gr
2253	157176	39080	0	12.2 soft blue clay
4125	172792	56441	57.9	59.4 grey clay
4252	174005	58131	24.1	28 light grey clay
4253	174006	58131	28	38.4 med grey sha

4685	288873	59701	15.2	16.8 coarse gravel
3366	164808	47122	0	1.2 clay
3518	265540	49090	0	33.5 clay
3538	265729	49199	0	3.7 clay & gravel
5995	369490	80606	3	9.1 sandy gravel
6686	411308	93671	76.2	91.4 sealant
7064	70158	98361	9.1	36.6 shale grey fra
4041	172349	55954	2.4	6.7 sandstone
4261	174033	58164	0	3 heavy brown c
4308	285795	58417	1.2	12.2 med grey clay
4461	287447	59154	0	39 med grey san
4462	287448	59154	39	39.6 water bearing
4497	287715	59246	0	4.9 med grey clay
4553	42787	59417	0	50.3 till
4590	175251	59529	0	4.6 med grey/bro
4592	175254	59529	26.5	27.4 cemented gra
4645	288771	59625	5.5	7.3 brown clay
4750	289056	59764	1.2	6.1 clay-grey
4774	175350	59789	0	0.9 silt
4775	175351	59789	0.9	6.7 sand brown/g
8592	428742	102701	12.2	24.4 clay
4815	43271	59851	33.5	34.4 clay-med grey
4954	289906	60090	0	1.8 sandy silt-bro
4955	289907	60090	1.8	45.4 clay silt some
4986	289999	60123	0	5.5 brown sand
5046	291373	60532	0	18.9 till with some :
5087	291742	60677	0	9.1 clay till
5212	296038	62249	0	0.6 sandy grey cla
5229	326306	62802	0	1.8 clay and rocks
5230	326307	62802	1.8	3 rock
5275	451197	63377		2.4 clay
5286	451226	63394		27.4 clay
5322	327511	63418	0	24.4 compact clay
5324	327513	63420	0	18.3 clay & gravel
5338	471462	70868	0	22.9 clay
5431	48445	71089	0	1.5 sandy clay
5433	48447	71089	4.9	13.7 clay
5627	50139	75512	0	17.7 clay
5628	50140	75512	17.7	24.4 sandstone an
5655	347341	75518	0	20.7 sandy clay
5663	347349	75522	0	39.6 clay, some gr
5746	350355	76280	0	2.7 fine sand & sil

5747	350356	76280	2.7	5.5 fine silt & clay
5819	356133	77951	0	11 clay
5930	368259	80280	0	42.1 clay
5998	369493	80608	0	36.6 brown clay
5999	369494	80608	36.6	51.8 glacial till
6031	373039	81617	0	29 clay
6055	51786	81620	0	7.6 clay
6056	51787	81620	7.6	8.2 hard rock
6151	376634	83244	0	18 clay
6152	376635	83244	18	20.1 sandy clay
6223	487400	83257	0	27.4 clay
6224	487401	83257	27.4	53.9 shale dry vein
6253	383045	84737	0	1.2 clay/gravel
6255	383047	84738	0	118.9 clay/gravel
6287	383079	84747	0	1.5 topsoil
6350	386693	86042	0	6.1 clay brown
6414	305422	86507	0	1.2 sand brown
6439	392961	87574	26.8	35.1 siltstone grey
6479	394758	88105	125	141.7 silt & silty san
6515	401246	89707	96.6	113.7 shale grey
6587	406041	91573	0	5.5 clay brown
6640	311038	93582	0	9.1 clay gumbo
6707	59350	94055	0	5.8 silt   brown
6708	59351	94055	5.8	7.6 clay   brown w
6749	60211	94576	115.8	128 sandstone
6863	69639	98194	0	1.8 till brown
6873	69658	98197	0	3 till
6940	69994	98318	0	1.8 clay sandy br
6941	69995	98318	1.8	4.9 clay vari-colo
7134	417438	99003	0	9.1 clay
7135	417439	99003	9.1	12.2 clay with som
7165	71437	99301	0	3 till & clay
7166	71438	99301	3	19.8 shale
7168	71440	99301	24.4	42.7 sandstone gr
7238	425859	101564	0	0.6 topsoil
7252	425885	101574	0	24.4 till & clay & pe
7253	425886	101574	24.4	33.5 small amount
7308	425943	101602	0	22.9 original hole
7309	425944	101602	22.9	32 shale
7329	426036	101701	0	7.6 clay
7330	426037	101701	7.6	8.2 rock
7348	426455	101815	0	2.4 clay quicksa



7394	427783	102394	0	3 sand & gravel
7395	427784	102394	3	12.2 sandstone
7486	427893	102459	0	160.9 unconsolidate
7489	427896	102460	76.8	92 bedrock
7678	427961	102499	41.1	43.3 bedrock
8103	428272	102611	82.6	84.7 till ss particles
8111	324230	102614	0	5.5 gravel ?
8224	324235	102627	0	1.2 silty soil bl
8225	324236	102627	1.2	3 gravel & sand
8268	428416	102638	0	22.6 clay (till)
8299	428445	102644	0	108.4 unknown grou
8300	428446	102645	0	2.7 clay
8318	74104	102649	0	2.7 sand
8319	74105	102649	2.7	10.7 till glacial
8593	428743	102701	24.4	42.7 clay
8351	74123	102653	16.2	22.3 sand & gravel
8375	324244	102657	0	0.9 silt & clay
8376	324245	102657	0.9	8.2 silt sand & gra
8655	428798	102716	0	11 till
8656	428799	102716	11	27.4 shale grey-wh
8816	428957	102740	0	3.4 clay till
8829	428970	102743	0	4.3 clay
8903	429030	102752	0	24.4 clay
8904	429031	102752	24.4	33.5 silt saturated
8934	324276	102757	0	60.4 clay silty
8950	429071	102763	0	1.8 till clay brown
8834	74174	102744	0	2.7 clay
9074	429161	102780	20.7	22.6 blue till with si
9075	429162	102780	22.6	23.8 shale
9100	74226	102785	45.4	47.9 shale grey
9174	324303	102802	1.8	3.7 clay some fine
9175	324304	102802	3.7	6.1 fine gravel & s
9176	324305	102802	6.1	8.5 med & fine gra
9260	74267	102819	0	2.7 clay
9505	429443	102863	42.7	61 clay
9437	429374	102852	0	4.3 grey brn clay
9468	429405	102857	0	0.6 sand
9469	429406	102857	0.6	21.3 till br clay
9470	429407	102857	21.3	45.7 till grey sticky
9547	74334	102875	0	9.8 clay
9570	429495	102879	3.7	4 sand brown
9571	429496	102879	4	5.2 clay, grey/bro'

9572	429497	102879	5.2	6.7 sand brown
9573	429498	102879	6.7	11 clay grey
9574	429499	102879	11	61 shale grey
9575	429500	102881	0	6.7 clay with sm e
9576	429501	102881	6.7	102.1 drk grey shale
9577	429502	102881	102.1	106.4 shale rock me
9578	429503	102881	106.4	147.8 shale dark gre
9579	429504	102882	0	3 till
9580	429505	102882	3	4.6 med fine sanc
10377	436537	104734	0	5.5 clay brown
9581	429506	102882	4.6	6.4 small gravel w
9582	429507	102882	6.4	15.5 clay with som
9613	429538	102889	44.8	85.3 till grey silty
10468	443220	105942	0	4.6 silty sand   br
10551	448221	107150	0	11.6 till w/ small pe
3812	272516	52685	10.7	24.1 sand
3813	272517	52685	24.1	27.1 gravel
3814	272518	52685	27.1	47.2 sand and grav
3815	272519	52685	47.2	51.8 till
3816	272520	52685	51.8	54.9 shale
3817	35334	52701	0	4.6 clay
3818	35335	52701	4.6	9.1 sandy clay sa
3819	35336	52701	9.1	19.8 soft black sha
3820	35337	52701	19.8	24.4 blue clay
3821	35338	52701	24.4	48.8 shale and san
3822	35339	52701	48.8	52.4 sandstone
3823	35340	52701	52.4	62.5 sandstone an
3824	35398	52748	0	0.3 top soil
3825	35399	52748	0.3	1.2 brown clay
9614	429539	102890	0	17.1 clay
3829	35403	52748	29.3	30.5 fractured grey
3830	169517	52755	0	5.5 coarse gravel
3831	169518	52755	5.5	10.7 sand and grav
3832	169519	52755	10.7	24.1 fine sand and
3833	169520	52755	24.1	27.4 gravel
3834	169521	52755	27.4	33.5 sand and grav
3835	169522	52755	33.5	45.7 sand and grav
3836	169523	52755	45.7	47.5 coarse gravel
3837	169524	52755	47.5	51.8 till
3838	169525	52755	51.8	54.9 bedrock  -bac
3839	35506	52826	0	1.5 clay
3840	35507	52826	1.5	3 boulders

3841	35508	52826	3	12.2 clay
3842	35509	52826	12.2	30.5 sandstone
3843	35510	52826	30.5	54.9 -
3844	35511	52826	54.9	64 -
3845	272767	52830	0.3	27.7 gravel
3846	272768	52830	27.7	29.9 till
3847	272769	52830	29.9	32.9 gravel
3848	272770	52830	32.9	40.2 sand and grav
3849	272771	52830	40.2	41.5 clay
9901	325500	104352	0	1.8 fill clay
3850	272835	52862	0	0.6 brown sand
3851	272836	52862	0.6	27.4 grey sand
3852	272837	52862	27.4	57.9 silty sand
3853	272838	52862	57.9	64 dirty gravels
3854	272839	52862	64	67.1 sand and grav
3855	272880	52893	0	18.3 sand and grav
3856	272881	52893	18.3	41.8 silt
3857	272882	52893	41.8	42.7 sand and grav
3858	272891	52905	0	3.7 sandy brown c
3859	272892	52905	3.7	6.7 heavy brown c
3860	272893	52905	6.7	7.9 heavy blue cl
3861	272894	52905	7.9	9.8 heavy blue cl
3862	272927	52925	0	36.6 sand brown
3863	272928	52925	36.6	45.7 silty sand
3864	272929	52925	45.7	62.5 silt
3865	272930	52925	62.5	74.7 silty sand
3866	272931	52925	74.7	88.4 sand black
3867	272932	52925	88.4	89.9 sand and grav
3868	272933	52925	89.9	91.4 gravel
3869	272934	52925	91.4	91.7 sand
3870	272935	52930	0	4.6 clay, brown ar
3871	272936	52930	4.6	18.3 clay and sand
3872	272937	52930	18.3	22.3 clay-blue (sha
9902	325501	104352	1.8	7.9 clay grey gra
9903	325502	104352	7.9	8.5 gravel
3873	272960	52953	0	12.2 clay
3874	272961	52953	12.2	16.8 silty sand
3875	272962	52953	16.8	18.3 sandy gravels
3876	35674	52969	0	5.5 fill
3877	35675	52969	5.5	15.8 glacial tills
3878	35676	52969	15.8	17.7 dirty gravels
3879	35677	52969	17.7	18 silt

3880	35678	52969	18	27.4 glacial tills
3881	35679	52969	27.4	79.2 bedrock, siltst
3882	272990	52975	0	4.6 gravel, loose
3883	272991	52975	4.6	30.2 sand, some g
3884	272995	52975	30.2	32.6 sand, coarse
3885	272992	52975	32.6	39 sand and grav
3886	272993	52975	39	39.6 till
3887	272994	52975	39.6	42.7 shale, black
3888	273018	52984	0	4 gravel
3889	273019	52984	4	8.8 sand
3890	273020	52984	8.8	10.4 gravel
3891	273021	52984	10.4	27.7 sand
3892	273025	52984	27.7	32 gravel
3893	273022	52984	32	34.7 till
10044	435222	104392	18.3	21.3 sh   grey
3894	273023	52984	34.7	45.7 gravel
3895	273024	52984	45.7	46 till
3896	273535	53213	0	5.5 surface mater
3897	273536	53213	5.5	13.7 clay - dark
3898	273537	53213	13.7	14.3 sandstone
3899	273538	53213	14.3	26.5 shale, clay
3900	273539	53213	26.5	26.8 sandstone
3901	273540	53213	26.8	31.7 clay - light gre
3902	273541	53213	31.7	32.6 lime - clay
3903	273542	53213	32.6	43.3 clay - grey
3904	273543	53213	43.3	45.4 sandstone
3905	273544	53213	45.4	61.9 shale dark, cl
3906	273545	53213	61.9	63.1 clay - light
3907	273546	53213	63.1	67.4 sandstone
3908	273547	53213	67.4	73.5 clay dark
3909	273548	53213	73.5	75.3 clay- heavy gr
3910	273549	53213	75.3	81.1 clay -dark
3911	273550	53213	81.1	81.4 water seam
3912	273551	53213	81.4	87.2 clay
3913	35937	53221	0	1.8 sandy loam
3914	35938	53221	1.8	6.1 gravel- coarse
10045	435223	104392	21.3	23.2 ss   grey
10046	435224	104392	23.2	24.4 sh   grey
3915	35939	53221	6.1	6.7 sand
3916	35940	53221	6.7	16.8 gravel- 3/4" -
3917	35941	53221	16.8	25.9 gravel, pea
3918	35942	53221	25.9	29 sand

3919	35943	53221	29	30.5 sandstone
3920	36155	53417	0	9.1 brown sand
3921	36156	53417	9.1	27.4 dark brown sand
3922	36157	53417	27.4	39.6 silt (sandy)
3923	36158	53417	39.6	91.4 bedrock (siltstone)
3924	274087	53418	0	3 clay
3925	274088	53418	3	31.4 glacial till
3926	274089	53418	31.4	32 gravel - black
3927	274113	53426	0	29 dry gravels
3928	274114	53426	29	48.8 silty sand layer
3929	274115	53426	48.8	50.3 sandy gravels
3930	274145	53441	0	5.5 clay-heavy, brown
3931	274146	53441	5.5	6.4 clay - brown, silty
3932	274147	53441	6.4	8.5 silt-clay, brown
3933	274148	53441	8.5	24.4 clay-heavy, brown
3934	274149	53441	24.4	27.7 clay-dark brown
3935	274150	53441	27.7	27.9 gravel and sand
3936	274727	53676	0	3 sandy clay
3937	274728	53676	3	11.9 sandy clay layer
3938	274729	53676	11.9	12.2 dirty gravels
3939	274856	53731	0	11.6 clay - brown
3940	274857	53731	11.6	14 shale, blue clay
3941	274858	53731	14	17.7 clay- blue
3942	274859	53731	17.7	23.8 silty clay
3943	274860	53731	23.8	25.3 shale, heavy clay
3944	275610	54088	0	25.6 clay - heavy, blue
3945	275611	54088	25.6	29.3 clay - blue , grey
3946	275612	54088	29.3	34.7 sandstone
3947	275613	54088	34.7	36.6 clay - blue, grey
3948	275614	54088	36.6	37.8 shale, sandstone
3949	37019	54157	0	9.1 brown sandy clay
3950	37020	54157	9.1	18.3 silt
3951	37021	54157	18.3	54.9 silty sands
3952	37022	54157	54.9	96.6 silty clay
3953	37023	54157	96.6	97.5 bedrock (sandstone)
3954	276540	54554	0	1.5 clay
3955	276541	54554	1.5	5.5 big rock and sand
3956	276542	54554	5.5	8.5 till
10047	435225	104392	24.4	27.4 ss   grey
3957	276543	54554	8.5	12.2 sand
3958	276544	54554	12.2	13.1 silt
3959	277413	54860	0	7.9 clay - brown

3960	277414	54860	7.9	8.5 sandstone
3961	277415	54860	8.5	11 clay
3962	277416	54860	11	11.9 sandstone
3963	277417	54860	11.9	13.7 clay - blue
3964	277418	54860	13.7	14.6 sandstone
3965	277419	54860	14.6	16.8 clay- blue
3966	277420	54860	16.8	22.6 layers, shale &
3967	277421	54860	22.6	23.5 clay - light gre
3968	277422	54860	23.5	27.4 clay and grav
3969	277423	54860	27.4	29 clay - blue
3970	277424	54860	29	32.9 shale and clay
3971	105531	54961	0	4.6 clay
3972	105532	54961	4.6	48.8 medstone
3973	105533	54961	48.8	74.1 siltstoneand s
3974	37771	54969	0	31.1 silty sand
3975	37772	54969	31.1	33.5 soft mudstone
3976	37773	54969	33.5	35.1 broken mudst
3977	37774	54969	35.1	36.6 layered bedro
10048	435226	104392	27.4	36.6 sh & ss   grey
3978	277738	54974	0	30.5 sandy clays
3979	277739	54974	30.5	36.6 sandy clay an
3980	277740	54974	36.6	41.1 sand - brown
3981	277741	54974	41.1	42.7 sand - black, (
3982	277958	55080	0	5.5 gravel
3983	277959	55080	5.5	16.5 sand
3984	278186	55184	0	6.1 sand (brown)
3985	278187	55184	6.1	12.2 silty sand (we
3986	278188	55184	12.2	25.9 silt (grey)
3987	278189	55184	25.9	53.3 silty sand (dry
3988	278190	55184	53.3	59.4 silty gravel (gr
3989	278191	55184	59.4	67.1 sand and grav
3990	37947	55191	0	0.6 silt clay
3991	37948	55191	0.6	4.6 light clay
3992	37949	55191	4.6	9.8 clay gravel
3993	37950	55191	9.8	11.3 sandstone an
3994	37951	55191	11.3	23.8 shale clay
3995	37952	55191	23.8	28 sandstone
3996	37953	55191	28	43.3 clay (assorted
3997	37954	55191	43.3	54.6 sandy clay an
3998	37955	55191	54.6	54.9 water bearing
3999	37956	55191	54.9	61 sandstone???
10049	435227	104392	36.6	54.9 siltstone grey

10050	435228	104392	54.9	62.5 ss   grey
4000	279164	55650	0	11 sandy clay
4001	279165	55650	11	11.6 clay, small gra
4002	279166	55650	11.6	19.8 sandy clay
4003	279167	55650	19.8	29.9 med grey clay
4004	38682	55845	0	0.6 till-topsoil
4005	38683	55845	0.6	2.7 clay
4006	38684	55845	2.7	7.9 sandy clay
4007	38685	55845	7.9	20.4 sandstone- lig
4008	38686	55845	20.4	22.9 sandstone -dr
4009	38687	55845	22.9	29.9 sandstone - liq
4010	38688	55845	29.9	30.5 sandy, clay sh
4011	38689	55845	30.5	31.7 shale - grey
4012	38690	55845	31.7	32.3 shale - dark g
4013	38691	55845	32.3	36 shale - grey n
4014	38692	55845	36	37.5 shale with sar
4015	38693	55845	37.5	47.5 shale
4016	279776	55926	0	0.6 topsoil
4017	279777	55926	0.6	5.5 clay (grey)
4018	279778	55926	5.5	25.9 sandstone an
4019	279779	55926	25.9	28.7 dark sandstor
4020	279780	55926	28.7	35.7 dark clay
10051	435229	104392	62.5	66.1 siltstone grey
4021	279781	55926	35.7	36.6 dark clay (har
4022	279782	55926	36.6	39 dark clay (soft
4023	279783	55926	39	41.1 clay (hard)
4024	279784	55926	41.1	42.1 sandstone (w
4025	279785	55926	42.1	44.8 clay
4026	279786	55926	44.8	53.9 grey clay with
4027	279787	55926	53.9	64.3 grey shale
4028	279788	55926	64.3	66.8 shale and san
4029	279789	55926	66.8	70.1 shale (grey)
4030	279865	55953	0	1.5 clay mxd sanc
4031	279866	55953	1.5	2.4 sandstone
4032	279867	55953	2.4	4.3 sandstone an
4033	279868	55953	4.3	15.5 clay
4034	279869	55953	15.5	22.9 sandstone
4035	279870	55953	22.9	35.1 sandstone
4036	279871	55953	35.1	38.1 sandstone mx
4037	279872	55953	38.1	39 drk grey clay
4038	279873	55953	39	39.3 gravel in clay
4039	279874	55953	39.3	42.1 drk grey clay

4040	172348	55954	0	2.4 clay mix w/ gr
4042	172350	55954	6.7	12.5 clay mix w/ sa
10052	435230	104392	66.1	67.1 sh   grey
4043	172351	55954	12.5	18.9 med grey clay
4044	172352	55954	18.9	20.4 sandstone
4045	172354	55954	20.4	22.6 med grey clay
4046	172355	55954	22.6	24.4 sandstone
4047	172356	55954	24.4	25 med grey clay
4048	172357	55954	25	26.8 light grey clay
4049	172358	55954	26.8	27.4 ned grey clay
4050	172359	55955	0	2.1 topsoil - till - s
4051	172360	55955	2.1	15.8 gravel and cla
4052	172361	55955	15.8	20.1 silty clay and :
4053	172362	55955	20.1	23.8 gravel  - yield
4054	280072	56053	0	10.7 gravel
4055	280073	56053	10.7	11.9 sandy gravels
4056	280074	56054	0	2.4 sandy clay
4057	280075	56054	2.4	7.6 grey clay
4058	280076	56054	7.6	8.2 gravel rock sh
4059	280077	56054	8.2	11.3 grey clay
4060	106507	56059	0	109.7 well deepened
4061	106508	56059	30.5	42.7 silty clays
4062	106509	56059	42.7	109.7 bedrock
4063	280661	56312	0	2.4 light grey clay
10143	491386	104418	51.5	54.6 med grey sha
4064	280662	56312	2.4	3.7 sandy grey cl
4065	280663	56312	3.7	5.8 sandstone
4066	280664	56312	5.8	11.6 sandy clay ha
4067	280665	56312	11.6	16.2 sandy clay so
4068	280666	56312	16.2	19.2 light grey clay
4069	280667	56312	19.2	23.5 dark grey clay
4070	280668	56312	23.5	23.8 very sandy zo
4071	280669	56312	23.8	29.9 med sandy zc
4072	280670	56312	29.9	30.5 light grey clay
4073	280671	56312	30.5	31.7 dark grey clay
4074	172656	56322	0	0.3 sand
4075	172657	56322	0.3	0.9 grey clay
4076	172658	56322	0.9	2.4 clay and sand
4077	172659	56322	2.4	10.1 sandstone
4078	172660	56322	10.1	17.1 grey - light gre
4079	172661	56322	17.1	19.2 dark grey clay
4080	172662	56322	19.2	23.5 light grey clay



4081	172663	56322	23.5	24.4 grey clay
4082	172664	56322	24.4	26.5 lost circ
4083	172665	56322	26.5	32.3 grey clay
4084	172667	56322	29.6	31.1 making more
10172	435404	104429	73.2	75.9 silt black
4085	172666	56322	32.3	35.7 light grey clay
4086	172668	56323	0	12.5 med grey clay
4087	172669	56323	12.5	19.8 med grey clay
4088	172670	56323	19.8	25.3 med - coarse
4089	172671	56323	25.3	26.5 clay and grav
4090	172672	56323	26.5	28.3 med gravel
4091	172673	56323	28.3	43.9 dark grey clay
4092	172675	56323	43.9	49.4 med grey clay
4093	172677	56323	49.4	50.3
4094	106843	56324	0	6.7 clay
4095	106844	56324	6.7	30.5 sandstone
4096	106845	56324	30.5	39.6 clay
4097	106846	56324	39.6	43.3 sandstone
4098	106847	56324	43.3	45.7 clay
4099	106848	56324	45.7	47.5 sandstone
4100	106849	56324	47.5	52.1 clay
4101	106851	56324	52.1	57.9 med grey clay
4102	106852	56324	57.9	61.3 grey clay - sh
4103	106853	56324	61.3	64 shale with sar
4104	106854	56324	64	71.9 grey shale
4105	106850	56324		51.2 lost circulation
10173	435405	104429	75.9	85.3 layered sands
4106	280822	56394	0	6.1 brown silty sa
4107	280823	56394	6.1	18.3 grey silt
4108	280824	56394	18.3	35.1 brown clay
4109	280825	56394	35.1	36 coarse gravel
4110	39177	56425	0	30.5 probably clay
4111	39178	56425	30.5	31.1 med fine grav
4112	39179	56425	31.1	33.8 shale clay
4113	172782	56439	0	6.1 sandy grey cl
4114	172783	56439	6.1	10.7 grey clay
4115	172784	56439	10.7	13.1 grey clay with
4116	172785	56439	13.1	16.2 sandstone  - v
4117	280941	56440	0	4.9 silt
4118	280942	56440	4.9	8.8 med sand
4119	172786	56441	0	5.5 brown soft cl
4120	172787	56441	5.5	15.8 light grey clay

4121	172788	56441	15.8	18.3 sandy grey cl
4122	172789	56441	18.3	45.7 light grey clay
4123	172790	56441	45.7	57.3 light grey clay
4124	172791	56441	57.3	57.9 clay with sanc
4126	39510	56587	0	4.6 sand
4127	39511	56587	4.6	22.9 dirty gravels
4128	39512	56587	22.9	73.2 bedrock
4129	281210	56588	0	6.1 sandy gravel
4130	281211	56588	6.1	12.2 silty gravel
4131	281212	56588	12.2	18.3 clean, sandy (
4132	281213	56590	0	3 sand
4133	281214	56590	3	18.3 dirty gravels
4134	281215	56590	18.3	30.5 brown sand
4135	281216	56590	30.5	36.6 black sand
4136	281217	56590	36.6	41.1 sand and grav
4137	39513	56591	0	57.9 sandy clay
4138	39514	56591	57.9	91.4 silty sand
4139	39515	56591	91.4	102.1 clay
4140	39516	56591	102.1	109.7 broken bedroc
4141	172911	56592	0	7.6 brown clay wi
4142	172912	56592	7.6	9.1 light grey clay
4143	172913	56592	9.1	12.8 dark grey clay
4144	172914	56592	12.8	14.9 grey clay and
4145	172915	56592	14.9	17.1 sandstone
4146	172916	56592	17.1	17.7 med grey clay
4147	107171	56595	0	3 med grey bro
4148	107172	56595	3	11.6 light grey clay
4149	107173	56595	11.6	12.8 med grey clay
4150	107174	56595	12.8	14.6 dark grey clay
4151	107175	56595	14.6	23.2 light grey clay
4152	107176	56595	23.2	28 med grey sha
4153	107177	56595	28	29 light grey shal
4154	107178	56595	29	33.2 med grey sha
4155	107179	56595	33.2	33.8 dark grey sha
4156	107228	56685	0	5.8 med grey clay
4157	107229	56685	5.8	7.6 light grey clay
4158	107230	56685	7.6	15.2 dark grey clay
4159	107231	56685	15.2	17.1 light grey clay
4160	107232	56685	17.1	18.3 med grey clay
4161	107233	56685	18.3	19.2 dark grey sha
4162	107234	56685	19.2	23.8 light grey shal
4163	173034	56767	0	7.3 gravel and cla

4164	173035	56767	7.3	32.6 med grey clay
4165	173036	56767	32.6	34.4 moving sand ;
4166	173037	56767	34.4	36.3 clay and med
4167	173038	56767	36.3	44.2 med grey clay
4168	173039	56767	44.2	45.1 light grey clay
4169	39805	56811	0	4.6 till
4170	39806	56811	4.6	24.4 shale & sands
4171	107368	56863	6.4	24.4 sandstone
4172	107374	56899	14.9	29.9 shale
4173	282158	57004	0	1.8 sandy clay, sa
4174	282159	57004	1.8	7.6 med grey clay
4175	282160	57004	7.6	11 light grey shal
4176	282161	57004	11	26.2 med grey sha
4177	282297	57059	0	7.6 sandy clay wit
4178	282298	57059	7.6	8.5 dark grey clay
4179	282299	57059	8.5	10.7 light grey clay
4180	282300	57059	10.7	15.5 medium grey
4181	282301	57059	15.5	17.4 sandstone
4182	282302	57059	17.4	18.9 medium grey
4183	282303	57059	18.9	19.2 sandstone
4184	282304	57059	19.2	28.3 water-bearing
4185	282305	57059	28.3	29.9 medium grey
4186	282306	57059	29.9	33.5 light grey shal
4187	107481	57085	14	36 bedrock
4188	107504	57099	0	57.9 bedrock
4189	107532	57119	11.9	47.5 bedrock
4190	282460	57120	0	0.6 grey clay & gr
4191	282461	57120	0.6	2.1 clay & sandst
4192	282462	57120	2.1	8.5 hard sandstor
4193	282463	57120	8.5	25.3 medium grey
4194	282464	57120	25.3	25.6 brown sandy c
4195	282465	57120	25.6	51.5 sandstone
4196	282466	57120	51.5	111.6 medium grey
10174	435406	104430	0	1.2 light grey-brov
4197	282578	57177	0	24.4 sandy gravel
4198	282579	57177	24.4	42.7 gravel with lay
4199	282580	57177	42.7	146.3 silt (fine)
4200	282581	57177	146.3	149.4 coarse gravel
4201	282609	57185	0	27.4 sandy clays
4202	282610	57185	27.4	30.5 sand & gravel
4203	40224	57189	16.8	18.3 fractured shal
4204	40225	57189	18.3	24.4 sandstone wit

4205	282879	57312	0	5.5 sandy clay
4206	282880	57312	5.5	13.1 water-bearing
4207	282881	57312	13.1	22.3 medium grey
4208	282882	57312	22.3	36.9 clay sand laye
4209	282883	57312	36.9	59.4 medium grey
4210	282884	57312	59.4	68.6 swelling grey
4211	282885	57312	68.6	77.4 caving sandy
4212	107627	57350	22.9	42.7 shale and san
4213	107632	57369	55.8	64 shale
4214	107640	57386	26.8	54.9 bedrock
4215	173744	57599	17.1	28.7 bedrock
4216	283543	57620	0	1.8 topsoil
10175	435407	104430	1.2	12.2 med grey sha
10176	435408	104430	12.2	13.1 rock layer - nc
4217	283544	57620	1.8	5.8 till
4218	283545	57620	5.8	12.2 coarse sand, t
4219	107824	57669	4.9	19.5 bedrock  - hig
4220	283765	57708	0	2.4 light grey brov
4221	283766	57708	2.4	15.5 light brown gr
4222	283767	57708	15.5	17.1 sandy grey sh
4223	283768	57708	17.1	20.7 gravely clay
4224	283769	57708	20.7	22.3 loose gravel
4225	283873	57739	0	18.3 sandy clay
4226	283874	57739	18.3	29.9 silty sand
4227	283875	57739	29.9	32.9 sandy gravel
4228	283970	57770	0	1.8 sandy clay mi
4229	283971	57770	1.8	8.5 med grey clay
4230	283972	57770	8.5	34.1 med grey sha
4231	40956	57819	0	6.1 sandy clay
4232	40957	57819	6.1	18.3 black shale
4233	40958	57819	18.3	19.8 blue clay
4234	40959	57819	19.8	33.5 shale
4235	40960	57819	33.5	42.7 sandstone
4236	40961	57820	0	13.7 till
4237	40962	57820	13.7	50.3 layered shale
4238	284978	58129	0	0.3 silty topsoil
4239	284979	58129	0.3	11.6 clayey-med fir
4240	284980	58129	11.6	21.3 med gravel wi
4241	284981	58129	21.3	27.1 med grey clay
4242	284982	58129	27.1	28.3 sandy med gr
4243	284983	58129	28.3	30.2 clayey med gr
4244	284984	58129	30.2	33.5 med fine grav

4245	284985	58129	33.5	36.6 fine gravel and
4246	284986	58129	36.6	37.2 med gravel to
4247	284987	58129	37.2	38.7 med coarse s
4248	284988	58129	38.7	41.5 med grey sha
4249	174002	58131	0	22.3 med grey/bro
4250	174003	58131	22.3	23.2 very sandy cla
4251	174004	58131	23.2	24.1 med grey clay
4254	285028	58146	0	1.8 light grey-bro
4255	285029	58146	1.8	4.6 light grey clay
4256	285030	58146	4.6	10.7 med grey sha
4257	285031	58146	10.7	17.1 med grey sha
4258	285032	58146	17.1	18.9 light grey shal
4259	285033	58146	18.9	30.5 med grey sha
4260	285034	58146	21.3	23.5 very hard laye
4262	174034	58164	3	6.1 sand rock, cla
4263	174035	58164	6.1	7.3 brown clay
4264	174036	58164	7.3	7.6 gravel and cla
4265	285070	58166	0	1.8 till clay-brown
4266	285071	58166	1.8	2.4 bearing soft cl
4273	285144	58205	0	3 fill-clay
4274	285145	58205	3	14.6 med grey/bro
4275	285146	58205	14.6	18 med grey clay
4276	285147	58205	18	23.8 light grey clay
4277	285148	58205	23.8	24.4 light grey/bro
4278	285149	58205	24.4	29.6 med grey clay
4279	285150	58205	29.6	40.2 light grey clay
4280	285151	58205	40.2	40.8 med grey clay
4281	285152	58205	40.8	41.8 med grey clay
4282	285153	58205	41.8	43.9 swelling-light
4283	285154	58205	43.9	44.8 making water-
4284	285155	58205	44.8	48.2 med grey clay
4285	285249	58235	0	0.9 med dark bro
4286	285250	58235	0.9	10.7 dark grey sha
4287	285251	58235	10.7	11 rock shale lay
4288	285252	58235	11	15.2 dark grey sha
4289	41441	58351	4.6	103.6 bedrock
4290	108344	58368	0	0.6 top soil
4291	108343	58368	0	140.2 depth of well.
4292	108345	58368	0.6	60 sandstone, w
10177	435409	104430	13.1	14.9 med grey sha
10178	435420	104433	0	27.4 gravel sand tc
4293	108346	58368	60	86.9 sandstone, w

4294	108347	58368	86.9	140.2 sandstone  w
4295	285641	58377	0	2.1 pit in ground
4296	285642	58377	2.1	7.6 till-clay
4297	285643	58377	7.6	9.1 boulders in cl
4298	285644	58377	9.1	12.8 med grey clay
4299	285645	58377	12.8	13.1 med fine grav
4300	285691	58395	0	0.3 till topsoil
4301	285692	58395	0.3	33.5 med grey clay
4302	285693	58395	33.5	33.8 med fine grav
4303	285694	58395	33.8	41.1 med grey clay
4304	285695	58395	41.1	55.8 light grey shal
4305	285696	58395	44.5	45.1 making water
4306	285793	58417	0	0.3 gravel-fill
4307	285794	58417	0.3	1.2 clay and grav
4309	285796	58417	12.2	12.8 clay with grav
4310	285797	58417	12.8	27.1 med grey clay
4311	285798	58417	27.1	29.3 gravel with cl
4312	285799	58417	29.3	40.5 ,ed grey shale
4313	285800	58417	40.5	43.9 sandstone
4314	285801	58417	43.9	48.8 med grey sha
4315	285817	58422	0	3.4 med grey clay
4316	285818	58422	3.4	19.5 med grey clay
4317	285819	58422	19.5	23.2 med grey clay
10179	435421	104434	0	15.2 sand red
10180	435422	104434	15.2	33.5 clay blue
4318	285820	58422	21.3	22.3 making water
4319	285821	58422	23.2	25.9 grey shale
4320	285822	58423	0	24.4 coarse, dry gr
4321	285823	58423	24.4	36.6 silty gravel
4322	285824	58423	36.6	45.1 coarse gravel
4323	108373	58424	36.6	42.7 sandstone
4324	41475	58425	27.4	36.6 shale
4325	41476	58431	16.8	45.7 sandstone
4326	41477	58432	16.8	42.7 sandstone
4327	41478	58434	15.2	48.8 sandstone
4328	285868	58448	0	6.1 dry silty grave
4329	285869	58448	6.1	12.2 silty gravel
4330	285870	58448	12.2	17.1 black gravel
4331	285871	58448	17.1	17.7 silt
4332	108384	58450	26.2	43.3 bedrock
4333	285881	58451	0	9.1 sandy clay & i
4334	285882	58451	9.1	12.2 sand & gravel

4335	41490	58452	10.7	30.5 sandstone
4336	285883	58453	0	6.1 sand
4337	285884	58453	6.1	24.4 silt
4338	285885	58453	24.4	35.1 glacial till
10181	435423	104435	0	3 gravel silty
4339	285886	58453	35.1	38.1 tight gravel
4340	285887	58453	38.1	42.7 clay
4341	108390	58462	13.7	56.7 bedrock
4342	285898	58463	0	12.2 sandy clay
4343	285899	58463	12.2	18.3 wet sand
4344	285900	58463	18.3	29.9 sand, damp
4345	285901	58463	29.9	36.6 black gravel
4346	108391	58471	16.8	50.6 bedrock
4347	285962	58494	0	18.3 brown clay
4348	285963	58494	18.3	22.9 sandy clay
4349	285964	58494	22.9	24.4 sandy gravel
4350	286041	58549	0	3 med grey/bro
4351	286042	58549	3	4.9 light grey shal
4352	286043	58549	4.9	12.6 med grey sha
4353	286044	58549	12.6	13.1 med grey sha
4354	286045	58549	13.1	13.6 lost circulatio
4355	286046	58549	13.6	17.8 med grey sha
4356	108483	58558	10.7	75 bedrock
4357	41679	58564	0	10.1 silty clays & s
4358	41678	58564	10.1	16.8 shale
4359	41680	58564	16.8	17.1 soft shales
10182	435424	104435	3	12.2 clay brown
4360	286142	58596	0	7 brown/grey cl
4361	286143	58596	7	23.8 sandy brown c
4362	286144	58596	23.8	26.8 heaving sand
4363	286145	58596	26.8	30.8 clayey sand
4364	286146	58596	30.8	34.7 cemented sar
4365	286147	58596	34.7	48.2 med grey sha
4366	174409	58632	0	4.3 sandy brown c
4367	174410	58632	4.3	9.1 sandstone
4368	174412	58632	9.1	11 med grey clay
4369	174413	58632	11	13.4 light grey shal
4370	286315	58661	0	6.4 silty gravel
4371	286316	58661	6.4	13.7 gravelly shale
4372	286317	58661	13.7	17.1 coarse gravel
4373	174441	58665	0	5.8 brown med gr
4374	174442	58665	5.8	109.1 dard grey sha

4375	174445	58665	109.1	111.9	dark grey sha
4376	174446	58665	111.9	122.2	dark grey sha
4377	286531	58742	0	10.4	brown dry clay
4378	286532	58742	10.4	27.4	brown shale
4379	286533	58742	27.4	36.6	brown sandsto
4380	286534	58742	36.6	61	brown shale
4381	286645	58779	0	21.9	unknown
4382	286646	58779	21.9	30.2	sandy grey sh
4383	286824	58851	0	5.2	grey clay with
4384	286825	58851	5.2	6.1	weathered sa
4385	286826	58851	6.1	25.9	layered browr
4386	286827	58851	25.9	121.9	grey layered s
4387	174659	58886	0	1.8	med grey/brov
4388	174662	58886	1.8	9.1	brown sandsto
4389	174663	58886	9.1	12.2	dark grey sha
4390	174677	58899	0	3	med grey clay
4391	174678	58899	4.9	13.7	med grey clay
4392	174679	58899	13.7	14.3	med grey sha
4393	174681	58899	15.2	18	dark grey sha
4394	174691	58918	0	3	light grey clay
4395	174692	58918	3	18.6	light grey shal
4396	174694	58918	18.6	19.5	more water
4397	174695	58918	19.5	22.3	light brown sh
4398	174696	58918	22.3	22.6	yellow brown
4399	174697	58918	22.6	27.1	light grey brov
4400	174701	58918	29.9	32.3	med grey sha
4401	174702	58918	32.3	35.4	light grey brov
4402	174704	58918	35.4	37.2	light grey shal
4403	174705	58918	37.2	37.8	dark grey sha
4404	287137	59017	0	1.8	light grey clay
4405	287138	59017	1.8	15.2	light grey shal
4406	287139	59017	15.2	21.6	light grey clay
4407	287140	59017	21.6	40.8	light grey shal
4408	287141	59017	40.8	45.4	med grey sha
4409	287142	59017	45.4	50.3	light grey shal
4410	287143	59017	50.3	69.5	sand and watr
4411	287144	59017	69.5	71.3	med grey sha
4412	287145	59017	71.3	75.3	med grey sha
4413	174795	59028	0	5.5	light grey clay
4414	174796	59028	5.5	22.3	med grey sha
4415	174797	59028	22.3	23.2	touch of water
4416	174798	59028	23.2	28.7	sandstone



4417	174800	59028	28.7	33.5 med grey sha
4418	174802	59028	33.5	35.4 hit water - 106
4419	174803	59028	35.4	40.8 hit water - 111
4420	174804	59028	40.8	47.5 med grey sha
4421	174806	59028	47.5	48.8 light grey shal
4422	287213	59045	0	15.7 existing well
4423	287214	59045	15.7	18.2 sandstone
4424	174844	59076	0	6.7 clay rock and
4425	174845	59076	6.7	12.8 sandstone
4426	174846	59076	12.8	45.7 light grey shal
4427	174847	59076	45.7	46 light grey shal
4428	287270	59089	0	10.7 sandy gravel
4429	287271	59089	10.7	57.9 black silt
4430	287272	59089	57.9	59.4 clay and grav
4431	287273	59089	59.4	61 coarse gravel
4432	287280	59092	0	29.9 dry gravel
4433	287281	59092	29	36.6 brown clay
4434	287282	59092	36.6	42.7 silty gravel
4435	287283	59092	42.7	45.7 clean gravel
4436	42393	59102	0	1.2 brown silty sa
4437	42394	59102	1.2	15.2 black glaci
4438	42395	59102	15.2	61 layered sands
4439	287328	59106	0	21.3 existing well
4440	287329	59106	21.3	25.6 sandstone-wa
4441	287330	59106	25.6	26.5 sand and wat
4442	287331	59106	26.5	28 sand
4443	287332	59106	28	29.9 sandstone
10183	435425	104435	12.2	18.3 gravel cemen
4444	287337	59111	0	2.7 light grey clay
4445	287338	59111	2.7	45.7 med grey sha
4446	287339	59112	0	6.1 brown clay
4447	287340	59112	6.1	15.2 silty sand
4448	287341	59112	15.2	16.8 brown sand
4449	287342	59112	16.8	19.8 sandy gravel
4450	287353	59118	0	9.1 brown clay
4451	287354	59118	9.1	61 layered grey s
4452	287363	59124	0	9.1 gravel and sa
4453	287364	59124	9.1	10.4 med grey sha
4454	287365	59124	10.4	12.5 med grey sha
4455	42419	59127	0	4.9 clay and smal
4456	42420	59127	4.9	79.2 bedrock-shale
4457	287439	59151	0	13.4 light grey clay

4458	287440	59151	13.4	25.6 light grey shal
4459	287441	59151	25.6	33.5 med grey sha
4460	287442	59151	33.5	54.9 med grey san
4463	287449	59154	39.6	40.8 med grey clay
4464	174920	59157	0	12.8 med grey sha
4465	174921	59157	12.8	23.8 med grey sha
4466	174922	59157	23.8	36.3 med grey sha
4467	174923	59157	36.3	47.9 med grey sha
4468	174925	59157	49.7	50 gravel
4469	287578	59189	0	89.9 soft grey clay
4470	287579	59189	89.9	100 sandstone an
4471	287580	59189	100	102.7 shale med gre
4472	287590	59192	0	89.9 soft grey clay
4473	287591	59192	89.9	100 sandstone an
4474	287592	59192	100	102.7 shale med gre
4475	287593	59200	0	12.5 med grey clay
4476	287594	59200	12.5	30.5 med grey sha
4477	287595	59200	15.5	16.5 lost circulatio
4478	287596	59200	23.2	24.4 making water
4479	175016	59207	0	1.2 fill
4480	175017	59207	1.2	31.4 med grey clay
4481	175018	59207	31.4	55.8 med light grey
4482	175019	59207	55.8	61 med grey san
4483	175021	59207	61	83.8 med grey san
4484	175023	59207	83.8	102.1 med grey sha
4485	287631	59215	0	1.2 sandy clay
4486	287632	59215	1.2	5.8 gravely clay
4487	287633	59215	5.8	6.1 gravel with so
4488	287634	59215	6.1	8.8 gravel and sa
4489	287635	59215	8.8	28.7 silty sand with
4490	42533	59227	0	0.3 gravel
4491	42534	59227	0.3	0.6 sand
4492	42535	59227	0.6	5.5 med grey clay
4493	42536	59227	5.5	9.1 sandstone
4494	42537	59227	9.1	48.8 med grey sha
4495	42538	59227	20.1	22.9 some water, l
4496	42539	59227	39.3	40.2 making water
4498	287716	59246	4.9	6.4 clay and sand
4499	287717	59246	6.4	32.9 med brown s
4500	287718	59246	32.9	37.2 light grey shal
4501	287719	59246	37.2	49.4 med grey sha
4502	287847	59302	0	8.2 med grey clay

4503	287848	59302	8.2	16.8 med grey/bro
4504	287849	59302	16.8	18.3 med grey/bro
4505	287856	59308	0	1.2 till topsoil
4506	287857	59308	1.2	8.8 med grey clay
4507	287858	59308	8.8	23.2 dark grey clay
4508	42625	59317	0	2.4 brown sand
4509	42626	59317	2.4	9.1 sticky clay
4510	42627	59317	9.1	22.9 silty clay
4511	42628	59317	22.9	24.4 layered shale
4512	42629	59317	24.4	54.9 layered sands
4513	287879	59318	0	1.8 sandy clay
4514	287880	59318	1.8	12.2 grey clay
4515	287881	59318	12.2	79.2 layered shale:
4516	287905	59328	0	2.7 brown sand
4517	287906	59328	2.7	25.9 dry sand grav
4518	287907	59328	25.9	45.7 grey silty sanc
4519	287908	59328	45.7	48.8 black gravel
4520	175110	59329	0	1.5 med grey clay
4521	175111	59329	1.5	2.4 snadstone
4522	175112	59329	2.4	4.6 med grey san
4523	175113	59329	4.6	28 sandstone
4524	175115	59329	28	28.7 dark brown se
4525	175116	59329	28.7	29.9 med grey sha
4526	175117	59333	0	4 brown/grey cl
4527	175118	59333	4	5.8 sandstone
4528	175119	59333	5.8	9.8 med grey sha
4529	175121	59333	9.8	11.3 light grey shal
4530	175122	59333	11.3	18.3 med grey sha
4531	288014	59369	0	33.5 clay silty with
4532	288015	59369	33.5	41.1 sandstone- gr
4533	288016	59369	41.1	46.6 shale-med gre
4534	288017	59369	46.6	53.3 sandstone gre
4535	288018	59369	53.3	55.2 shale
4536	288019	59369	55.2	60.4 sandstone-gre
4537	288020	59369	60.4	61 coal
4538	288021	59369	61	67.1 shale-med gre
4539	288078	59396	0	9.1 clay and grvel
4540	288079	59396	9.1	12.8 fine sand
4541	288080	59396	12.8	18.3 clay and grav
4542	288081	59396	18.3	21.9 gravel and wa
4543	288082	59398	0	42.7 clay and occa
4544	288083	59398	42.7	54.9 clay and sand

4545	288084	59398	54.9	85.3 shale and gre
4546	288085	59398	85.3	91.4 sandstone
4547	42769	59412	0	6.1 brown clay
4548	42770	59412	6.1	108.2 grey silt
4549	42771	59412	108.2	109.7 silty sand
4550	42772	59412	109.7	114.3 silty sand and
4551	42773	59412	114.3	126.5 black shale
4552	42774	59412	126.5	134.1 grey sandstor
4554	42788	59417	50.3	52.1 glaciell till and
4555	288137	59421	0	3 clay
4556	288138	59421	3	6.1 shale
4557	288139	59421	6.1	18.3 clay
4558	288140	59421	18.3	24.4 shale
4559	288141	59421	24.4	30.5 shale and san
4560	288146	59423	0	5.5 brown clay
4561	288147	59423	5.5	48.8 layered sands
4562	288148	59424	0	3 dry gravel with
4563	288149	59424	3	15.2 dry sandy gra
4564	288150	59424	15.2	18.3 coarse gravel
4565	288156	59427	0	45.7 existing hole
4566	288157	59427	45.7	91.4 layered sands
4567	175197	59442	0	4.6 light grey/brov
4568	175198	59442	4.6	6.1 light grey clay
4569	175199	59442	6.1	16.2 med grey clay
4570	175200	59442	16.2	20.7 light grey shal
4571	175201	59442	20.7	34.1 med grey sha
4572	175203	59442	34.1	40.5 light grey shal
4573	175204	59442	40.5	46.9 med grey sha
4574	175206	59442	46.9	56.4 light grey shal
4575	42835	59450	0	0.9 silty sand
4576	42836	59450	0.9	2.1 gravel
4577	42837	59450	2.1	4.6 med grey sha
4578	42839	59450	4.6	7.9 cemented roc
4579	288258	59470	0	10.7 gravel with cla
4580	288259	59470	10.7	13.1 sand-med coe
4581	288260	59470	13.1	19.8 quick sand
4582	288261	59470	19.8	20.4 gravel coarse
4583	288291	59478	0	45.7 silty gravel
4584	288292	59478	45.7	96 silty sand
4585	288293	59478	96	98.8 coarse sand
4586	288404	59518	0	4.6 silty sand
4587	288405	59518	4.6	30.5 grey silt

4588	288406	59518	30.5	32.9 wet silty sand
4589	288407	59518	32.9	34.1 wet silty sand
4593	175255	59529	27.4	29 small pea gra
4594	288485	59536	0	9.1 brown clay
4595	288486	59536	9.1	11.6 glaciél till
4596	288487	59536	11.6	18.3 dirty gravel wi
4597	288488	59536	18.3	24.4 black clay
4598	288489	59536	24.4	54.9 brown sticky c
4599	288490	59536	54.9	71.6 brown sticky c
4600	288491	59536	71.6	73.2 tight gravel-wa
4601	288610	59575	0	6.1 clay-brown
4602	288611	59575	6.1	10.1 clay sand-darl
10275	435905	104528	12.8	15.8 sand, med-co
4603	288612	59575	10.1	24.4 shale-med gre
4604	288613	59575	11	11.3 making water
4605	288614	59576	0	6.1 clay-brown
4606	288615	59576	6.1	10.1 clay with sanc
4607	288616	59576	10.1	24.4 shale-med gre
4608	288617	59576	11	11.3 making water
4609	288618	59576	20.1	20.7 making water
4610	288651	59583	0	6.4 sand-brown
4611	288652	59583	6.4	22.9 gravel with sa
4612	288653	59583	22.9	23.8 clay-small gra
4613	288654	59583	23.8	28 clay-grey
4614	288655	59583	28	30.8 clay with sanc
4615	288656	59583	30.8	37.8 gravel with ro
4616	288657	59583	37.8	39.3 clay-med grey
4617	288658	59583	39.3	39.6 gravel and sa
4618	42977	59598	0	4.9 clay-brown
4619	42982	59598	0	4.9 clay-brown
4620	42978	59598	4.9	24.4 clay and cavi
4621	42983	59598	4.9	24.4 clay-silt grey
4622	42979	59598	24.4	33.5 clay, silt with
10276	435906	104528	12.8	29.6 sand with gra
10277	435907	104528	29.6	31.1 silt and sand v
4623	42984	59598	24.4	33.5 clay, silt and
4624	42980	59598	33.5	47.9 clay with coar
4625	42985	59598	33.5	47.9 clay, coarse s
4626	42987	59598	47.9	50 making slight
4627	42981	59598	47.9	88.7 med grey sha
4628	42986	59598	47.9	88.7 med grey sha
4629	288697	59601	0	3.7 black silt

4630	288698	59601	3.7	16.8	glaciel till   till
4631	288699	59601	16.8	18.9	silty gravel   g
4632	288700	59601	18.9	39.6	layers of till ar
4633	288701	59601	39.6	42.7	shales   shale
4634	288702	59602	0	6.1	black silty clay
4635	288703	59602	6.1	16.8	glaciel till
4636	288704	59602	16.8	20.1	silty gravel
4637	288756	59619	0	17.4	clay
4638	288757	59619	17.4	18.6	soft shale
4639	288758	59619	18.6	25	shale and clay
4640	288766	59624	0	43.3	clay
4641	288767	59624	43.3	46.6	rock
4642	288768	59624	46.6	61	clay and grav
4643	288769	59625	0	3	fill
4644	288770	59625	3	5.5	soft caving-br
4646	288772	59625	7.3	7.6	lost circulatio
4647	288773	59625	7.6	10.1	brown clay
4648	288774	59625	10.1	28.3	med grey clay
4649	288775	59625	28.3	29.9	med grey/brov
4650	288776	59625	29.9	32	dark grey sha
4651	43018	59633	0	5.5	brown clay wi
4652	43019	59633	5.5	8.5	med grey clay
4653	43020	59633	8.5	32.9	med grey sha
4654	43021	59633	32.9	38.4	sandstone-br
4655	43022	59633	38.4	39.6	med grey sha
4656	288778	59634	0	15.2	brown sandy c
4657	288779	59634	15.2	97.5	layered shale:
4658	288784	59636	0	7.6	glaciel till
4659	288785	59636	7.6	106.7	layered shale:
4660	175280	59637	0	10.1	brown clay
4661	175281	59637	10.1	13.1	med grey clay
4662	175282	59637	13.1	49.1	med grey sha
4663	175284	59637	49.1	78.6	med grey sha
4664	175285	59644	0	6.7	clay-grey/brov
4665	175286	59644	6.7	27.1	clay-med grey
4666	175288	59644	27.1	29.6	sandstone/sai
4667	175289	59644	29.6	30.5	shale, brown/(
4668	288837	59676	0	28	med grey clay
4669	288838	59676	28	28.7	sandy gravel
4670	288839	59676	28.7	29.9	gravel
4671	288840	59678	0	34.1	grey clay with
4672	288841	59678	34.1	43	shale-med gre

4673	288842	59678	43	44.5 sandstone-grey
4674	288843	59678	44.5	46.9 shale-grey me
4675	288844	59678	46.9	47.5 sandstone-bro
4676	288845	59678	47.5	58.5 sandstone-grey
4677	288846	59678	58.5	74.4 shale-grey
4678	43079	59697	0	4.9 brown clay
4679	43080	59697	4.9	7.3 grey clay
4680	43081	59697	7.3	7.9 grey/brown cl
4681	43082	59697	7.9	9.8 sandy grey cl
4682	43083	59697	9.8	41.5 grey shale
4683	288871	59701	0	10.7 black glaci
4684	288872	59701	10.7	15.2 silty gravel
4686	43103	59706	0	24.4 clay and soft s
4687	43104	59706	24.4	30.5 soft shale and
4688	43105	59706	30.5	44.2 blk shale and
4689	43106	59706	44.2	47.2 shale
4690	43107	59706	47.2	48.8 sandstone an
4691	43108	59706	48.8	54.9 sandstone an
4692	43109	59706	54.9	73.2 partial returns
4693	288880	59708	0	13.7 clay
4694	288881	59708	13.7	20.7 clay and fine g
4695	288882	59708	20.7	27.1 pea gravel
4696	288883	59708	27.1	27.4 sandstone
4697	288884	59708	27.4	50.3 black clay
4698	288885	59708	50.3	57.9 black shale ar
4699	288889	59710	0	3 sandy loam
4700	288890	59710	3	30.5 silt-very unsta
4701	288891	59710	30.5	42.7 silt and wet cl
4702	288892	59710	42.7	54.9 clay and shak
4703	288893	59710	54.9	57.9 very dense sa
4704	288894	59710	57.9	67.1 fractures of sa
4705	288895	59710	67.1	73.2 hard stone sa
4706	288906	59714	0	3 fill
4707	288907	59714	3	24.4 glaci
4708	288908	59714	24.4	42.7 soft shale
4709	288909	59714	42.7	91.4 layered sands
4710	43110	59716	0	12.2 clay & benton
4711	43111	59716	12.2	15.2 shale lost circ
4712	43112	59716	19.8	42.7 soft shale, co
4713	43113	59716	42.7	52.4 shale
4714	43114	59716	52.4	61 sandstone-fra
4715	288923	59719	0	18.3 clay

4716	288924	59719	18.3	61 sandstone and
4717	288925	59722	0	54.9 shale-med gre
4718	288926	59722	54.9	57 sandstone roc
4719	288927	59722	57	123.1 shale-med gre
4720	288928	59723	0	9.1 clay and soft s
4721	288929	59723	9.1	12.2 sandstone
4722	288949	59729	0	36.3 sand
4723	288954	59730	0	3 gravel-sand a
4724	288955	59730	5.5	11 gravel with cla
4725	288956	59730	11	61 shale med gre
4726	288981	59738	0	9.1 sandstone
4727	288982	59738	9.1	31.1 clay
4728	288983	59738	31.1	31.4 sandstone
4729	288984	59738	31.4	36.6 clay
4730	289026	59746	0	25.9 clay-med grey
4731	289027	59746	25.9	27.4 sandstone-brc
4732	289028	59746	27.4	33.5 shale-grey
4733	289029	59746	33.5	39.6 sandstone-brc
4734	289030	59746	39.6	58.5 shale-grey
4735	289031	59746	58.5	61.9 sandstone-brc
4736	289032	59746	61.9	64 shale-med gre
4737	289038	59750	0	9.1 grey clay
4738	289039	59750	9.1	13.7 glaciol till
4739	289040	59750	13.7	30.5 coarse gravel
4740	289041	59751	0	52.4 clay-grey, stic
4741	289042	59751	52.4	80.5 shale-med gre
4742	289049	59760	0	6.1 sandstone and
4743	289050	59760	6.1	27.4 clay
4744	289051	59760	27.4	29 sandstone-wa
4745	175337	59763	0	7.3 existing hole
4746	175340	59763	11	11.3 shale-grey
4747	175341	59763	11.3	13.7 sandstone-brc
4748	175338	59763		11 sandstone brc
4749	289055	59764	0	1.2 sandy clay-brc
4751	289057	59764	6.1	17.7 clay-grey with
4752	289058	59764	17.7	18.3 gravel med wi
4753	289059	59764	18.3	18.6 gravel with cla
4754	289060	59764	18.6	24.4 gravel-coarse
4755	289065	59767	3	4.6 sandy clay
4756	289066	59767	4.6	21.3 grey silt
4757	289067	59767	21.3	27.4 glaciol till
4758	289068	59767	27.4	67.1 layered sands



4759	175343	59774	0	58.5 clay silty with
4760	175344	59774	58.5	66.1 shale-med gre
4761	175346	59774	66.1	74.1 shale-med gre
4762	175347	59777	0	10.7 clay-grey/brov
4763	175348	59777	10.7	48.2 shale-med gre
4764	289084	59778	0	3.4 clay-grey brov
4765	289085	59778	3.4	5.2 shale-grey
4766	289086	59778	5.2	7.6 sandstone-brc
4767	289087	59778	7.6	12.2 shale-grey
4768	289088	59778	12.2	12.8 sandstone-gre
4769	289089	59778	12.8	16.5 shale-grey
4770	43167	59779	0	14.3 glaciél till with
4771	43168	59779	14.3	24.4 bedrock layer
4772	43169	59779	24.4	36.6 weathered sh:
4773	43170	59779	36.6	86.9 hard grey bed
4778	289109	59792	0	12.2 sand-med bro
4779	289110	59792	12.2	24.4 sand with silt-
4780	289111	59792	24.4	27.4 sand with silt :
4781	289112	59792	27.4	36.6 clay-grey
4782	289113	59792	36.6	68.3 sand-grey with
4783	289114	59792	68.3	73.8 gravel-med cc
4784	43171	59793	0	39.6 brown glaciél
4785	43172	59793	39.6	85.3 layered shale
4786	289168	59820	0	2.7 clay-brown
4787	289169	59820	2.7	28 shale-med gre
4788	289170	59820	28	28.3 sandstone-brc
4789	289171	59820	28.3	30.5 shale-grey
4790	289172	59820	30.5	31.4 sandstone-gre
4791	289173	59820	31.4	45.7 shale-med to
4792	289174	59820	45.7	56.1 sandstone-gre
4793	289175	59821	0	2.7 clay-brown
4794	289176	59821	2.7	12.2 shale-grey/brc
4795	289177	59821	12.2	28 shale-grey
4796	289178	59821	28	28.7 sandstone-brc
4797	289179	59821	28.7	30.5 shale-med gre
4798	289180	59821	30.5	33.5 sandstone-gre
4799	289181	59821	33.5	37.8 shale-med gre
4800	289188	59827	0	6.4 clay-brown
4801	289189	59827	6.4	10.4 shale-med to
4802	289190	59827	10.4	11.3 sandstone-gre
4803	289191	59827	11.3	12.2 shale-grey
4804	289192	59827	12.2	12.8 rock-cemente

4805	289193	59827	12.8	31.7 shale-med gre
4806	289194	59827	31.7	33.8 sandstone-gre
4807	289195	59827	33.8	53.3 shale-med gre
4808	289196	59827	53.3	53.9 sandstone-gre
4809	289197	59827	53.9	80.5 shale-med to
4810	289209	59832	0	4.9 silt with some
4811	289210	59832	4.9	11.9 gravel-med to
4812	289217	59844	0	6.1 sandy gravel
4813	289218	59844	6.1	30.5 layered shale:
4814	43270	59851	0	33.5 sand with clay
4816	43272	59851	34.4	36 shale-dark gre
4817	43273	59851	36	36.3 sanstone-grey
4818	43274	59851	36.3	51.8 shale-dark gre
4819	175375	59853	0	13.1 sand, clay and
4820	175376	59853	13.1	14.3 boulders
4821	175377	59853	14.3	31.7 sandstone/roc
4822	175378	59853	29.9	31.7 making water
4823	289227	59855	0	31.1 clay-med grey
4824	289228	59855	31.1	35.1 sandstone mi:
4825	289229	59855	35.1	50.3 shale-grey wit
4826	289230	59855	50.3	92 shale-grey
4827	289231	59855	92	97.5 sandstone-gre
4828	289232	59855	97.5	115.8 shale-grey
4829	289237	59860	0	12.2 glaciell till
4830	289238	59860	12.2	19.8 silty gravel
4831	289239	59860	19.8	30.5 weathered sh:
4832	289240	59860	30.5	73.2 layered shale:
4833	289241	59863	0	12.2 sandy gravel
4834	289242	59863	12.2	15.2 sandy gravel
4835	289243	59863	15.2	18.3 coarse gravel
4836	289269	59869	0	6.7 brown sand
4837	289270	59869	6.7	57.9 silty clay
4838	289271	59869	57.9	59.1 silty sand
4839	289272	59869	59.1	61 silty gravel
4840	43281	59875	0	12.8 clay with rock
4841	43283	59875	12.8	16.5 shale-grey
4842	43284	59875	16.5	17.7 sandstone-ma
4843	43285	59875	17.7	21.9 shale
4844	289281	59877	0	19.2 clay with little
4845	289282	59877	19.2	35.4 shale-grey
4846	289283	59877	30.5	31.7 making water
4847	43297	59879	0	3 clay

4848	43298	59879	3	13.7 sandstone
4849	43299	59879	13.7	18.9 shale
4850	43300	59880	0	3 clay
4851	43301	59880	3	13.7 sandstone
4852	43302	59880	13.7	18.9 shale
4853	289294	59886	0	2.4 clay
4854	289295	59886	2.4	6.1 sandstone-brc
4855	289296	59886	6.1	17.4 shale-grey wit
4856	289297	59886	17.4	26.5 shale-grey
4857	289298	59886	26.5	116.4 sandstone-gre
4858	289367	59921	0	0.3 topsoil
4859	289368	59921	0.3	5.5 brown till
4860	289369	59921	5.5	27.1 grey till
4861	289370	59921	27.1	27.7 silty grey sanc
4862	289371	59921	27.7	36.3 grey till
4863	289372	59921	36.3	36.6 rock ledge
4864	289373	59921	36.6	37.5 silty grey till
4865	289374	59921	37.5	41.8 grey till
4866	289375	59921	41.8	57.3 grey shale
4867	289376	59921	57.3	64 consolidated s
4868	289377	59921	64	66.1 grey shale
4869	289463	59944	0	0.9 clay-brown
4870	289464	59944	0.9	27.4 sandstone-brc
4871	289465	59944	27.4	36 shale-med gre
4872	289466	59944	36	37.2 sandstone-brc
4873	289467	59944	37.2	37.8 sandstone-gre
4874	289468	59944	37.8	39.9 shale-grey
4875	289469	59944	39.9	41.5 sandstone-brc
4876	289470	59944	41.5	58.2 shale-grey thi
4877	289527	59967	0	2.1 sand-brown
4878	289528	59967	2.1	4.9 gravel-brown
4879	289529	59967	4.9	10.4 sand-grey
4880	289530	59967	10.4	23.8 sandy clay, till
4881	289531	59967	23.8	27.1 gravel-making
4882	289532	59967	27.1	27.7 gravel-making
4883	289533	59967	27.7	28 gravel with gr
4884	289534	59968	0	12.2 clay-brown, sc
4885	289535	59968	12.2	36 shale-med, gr
4886	289536	59968	36	80.5 sandstone-gre
4887	289548	59975	0	30.8 clay brown/gr
4888	289549	59975	30.8	35.4 shale grey
4889	289550	59975	35.4	36 sandstone brc

4890	289551	59975	36	37.8 sandstone/sha
4891	289552	59976	0	27.1 silty fine sand
4892	289553	59976	27.1	31.7 blue clay
4893	289554	59976	31.7	32 black shale-w
4894	289555	59976	32	77.4 black clay anc
4895	289631	60000	0	45.7 clay-grey and
4896	289632	60000	45.7	80.5 shale-grey wit
4897	289633	60001	0	20.4 clay-grey/brov
4898	289634	60001	20.4	31.1 shale-grey/bro
4899	289635	60001	31.1	31.7 thin sandston
4900	289636	60001	31.7	37.2 shale-grey
4901	289637	60001	37.2	38.1 sandstone
4902	289638	60001	38.1	40.8 shale-grey
4903	289658	60009	0	0.3 soil and roots
4904	289659	60009	0.3	1.2 clay-brown an
4905	289660	60009	1.2	2.4 clay-brown sa
4906	289661	60009	2.4	3 clay-gravelly
4907	289662	60009	3	4 clay-grey and
4908	289663	60009	4	4.3 gravel
4909	289664	60009	4.3	4.6 clay-brown an
4910	289665	60009	4.6	10.7 shale-grey/bro
4911	289666	60009	10.7	23.5 shale-grey an
4912	289667	60009	23.5	25 shale-dark gre
4913	289668	60009	25	41.1 shale grey an
4914	289669	60009	41.1	45.7 shale-dark gre
4915	289676	60012	0	4 clay-brown
4916	289677	60012	4	5.2 clay with sanc
4917	289678	60012	5.2	15.2 clay-some gra
4918	289679	60012	15.2	16.8 sandstone-bro
4919	289680	60012	16.8	18.3 shale-grey
4920	289763	60041	0	22.9 clay-soft grey
4921	289764	60041	22.9	43 shale-med gre
4922	289765	60041	27.4	33.5 making water
4923	289766	60041	33.5	36.6 more water
4924	43519	60049	0	6.7 clay-soft with
4925	43520	60049	6.7	29.3 shale-grey wit
4926	43521	60049	29.3	36.6 sandstone-bro
4927	43522	60049	36.6	59.1 shale-grey
4928	43523	60049	59.1	61.6 sandstone-bro
4929	43524	60049	61.6	75.3 shale-grey
4930	289798	60052	0	11 clay-grey/brov
4931	289799	60052	11	14.9 shale-grey

4932	289800	60052	14.9	17.7 sandstone-gre
4933	289801	60052	17.7	18.3 sandstone-gre
4934	289802	60052	18.3	19.5 shale-grey
4935	289803	60054	0	0.6 gravel
4936	289804	60054	0.6	22.3 clay-grey
4937	289805	60054	22.3	41.8 shale and san
4938	289806	60054	36.6	37.8 making 6-7 gp
4939	289807	60054	39.3	39.9 making 5-6 gp
4940	289847	60072	0	19.8 clay-brown/gr
4941	289848	60072	19.8	30.8 shale-med to
4942	289849	60072	30.8	70.1 sandstone-brc
4943	289850	60072	70.1	86.6 shale with few
4944	289851	60074	0	4.9 clay with som
4945	289852	60074	4.9	25.6 sandstone-gre
4946	289853	60074	25.6	26.2 shale-med gre
4947	289854	60074	26.2	48.2 sandstone wit
4948	289855	60074	36.6	42.7 massive lost c
4949	289856	60074	48.2	54.9 shale-med gre
4950	289893	60086	0	5.8 clay-brown/gr
4951	289894	60086	5.8	7.3 sand-brown
4952	289895	60086	7.3	8.8 clay-brown
4953	289896	60086	8.8	18.3 sandstone-brc
4956	289908	60090	45.4	76.2 clay with sanc
4957	289909	60090	76.2	93 gravel with cla
4958	289910	60092	0	5.2 clay with som
4959	289911	60092	5.2	14.9 soft shale-gre
4960	289912	60092	14.9	15.2 sandstone
4961	289913	60092	15.2	19.8 shale-med to
4962	289941	60108	0	12.8 clay-brown an
4963	289942	60108	12.8	17.4 sandstone-brc
4964	289943	60108	17.4	20.4 shale-grey
4965	289944	60108	20.4	20.7 coal-black
4966	289945	60108	20.7	21.9 shale-grey
4967	289946	60108	21.9	25.3 sandstone-brc
4968	289947	60108	25.3	29 shale-grey
4969	289955	60110	0	9.4 clay-brown
4970	289956	60110	9.4	13.7 sandstone-brc
4971	289957	60110	13.7	15.8 shale-grey/brc
4972	289958	60110	15.8	18.9 sandstone-brc
4973	289959	60110	18.9	22.6 shale-grey
4974	289976	60116	0	9.4 clay-grey
4975	289977	60116	9.4	50.6 shale-grey thi

4976	289978	60116	50.6	52.4 sandstone-prc
4977	289979	60116	52.4	58.8 shale-grey
4978	289991	60122	0	16.2 clay-grey
4979	289992	60122	16.2	22.6 sandy clay-grc
4980	289993	60122	22.6	24.4 clay-some gra
4981	289994	60122	24.4	27.7 clay-grey
4982	289995	60122	27.7	28.3 sandstone-brc
4983	289996	60122	28.3	33.8 shale-med to
4984	289997	60122	33.8	34.1 sandstone-grc
4985	289998	60122	34.1	43.9 shale-grey
4987	290000	60123	5.5	11.9 grey clay
4988	290001	60123	11.9	29 grey silt
4989	290002	60123	29	73.8 brownish grey
4990	290003	60123	73.8	77.7 clay with smal
4991	290004	60123	77.7	85.3 grey brown sil
4992	290005	60123	85.3	109.7 tight grey brov
4993	290035	60127	0	3.7 silty gravel wit
4994	290036	60127	3.7	21.3 glaciell till
4995	290037	60127	21.3	91.4 layered sand :
4996	290070	60137	0	6.1 sandstone
4997	290071	60137	6.1	24.4 clay
4998	290072	60137	24.4	30.5 shale
4999	290130	60148	0	11.3 existing
5000	290131	60148	11.3	11.6 sandstone-brc
5001	290132	60148	11.6	22.3 shale-med gre
5002	290310	60196	0	6.1 brown silt
5003	290311	60196	6.1	33.5 grey silty clay
5004	290312	60196	33.5	91.4 grey shale wit
5005	43741	60205	0	36.3 clay with som
5006	43742	60205	36.3	38.7 shale, grey wi
5007	43743	60205	38.7	43.6 shale, grey br
5008	43744	60205	43.6	44.8 sandstone brc
5009	43745	60205	44.8	46 sandstone, br
5010	43746	60205	46	56.4 sandstone, br
5011	43747	60205	56.4	90.5 grey shale
5012	43750	60205	90.5	92.7 sandstone gre
5013	43751	60205	92.7	104.2 grey shale
5014	43752	60205	104.2	110 grey sandstor
5015	43753	60205	110	125 grey shale
5016	290337	60209	0	0.6 topsoil
5017	290338	60209	0.6	16.8 grey clay
5018	290339	60209	16.8	19.8 brown clay

5019	290340	60209	19.8	59.4 grey clay
5020	290341	60209	59.4	121.9 grey silty clay
5021	290384	60218	0	7.3 silty clay
5022	290385	60218	7.3	12.5 sand-brown w
5023	290386	60218	12.5	29.6 clay-grey with
5024	290387	60218	29.6	43.3 gravel with cla
5025	290388	60218	43.3	65.8 silty clay with
5026	290389	60218	65.8	66.8 gravel-med to
5027	290550	60268	0	15.2 brown glaciol
5028	290551	60268	15.2	91.4 layered shale:
5029	290941	60385	0	3 light sandy so
5030	290942	60385	3	26.2 fine brown sai
5031	290943	60385	27.1	29.3 fine sand laye
5032	290944	60385	29.3	51.2 fine sand with
5033	290945	60385	51.2	51.8 med gravel wi
5034	290946	60385	51.8	58.5 med coarse g
5035	290947	60385	58.8	60 med coarse g
5036	290948	60385	60.4	72.5 fine sand with
5037	290949	60385	72.5	73.2 blue clay-sanc
5038	290950	60385	73.2	82.3 sandstone-gre
5039	291016	60405	0	27.4 coarse gravel
5040	291017	60405	27.4	33.5 coarse silty gr
5041	291018	60405	33.5	42.7 grey shale
5042	291041	60413	0	6.1 grey clay
5043	291042	60413	6.1	48.8 layered shale:
5044	175539	60521	0	9.8 till-grey/brown
5045	175540	60521	9.8	115.8 shale-grey wit
5047	291374	60532	18.9	158.5 shale-grey wit
5049	291376	60532	42.7	48.8 making 4 gpr
5050	291377	60532	73.2	79.2 making 4 gpr
5051	291390	60535	0	18.3 dry gravel anc
5052	291391	60535	18.3	21.3 brown sand a
5053	291392	60535	21.3	35.1 silty sand and
5054	291393	60535	35.1	79.2 shale
5055	291394	60535	79.2	91.4 shale and san
5056	291484	60570	0	4.6 grey sandy cl
5057	291485	60570	4.6	30.5 brwon silty sa
5058	291486	60570	30.5	39.6 silty sand and
5059	291487	60570	39.6	45.7 dry sand and
5060	291488	60570	45.7	53 silty sand and
5061	291489	60570	53	79.2 silty sand
5062	291490	60570	79.2	103.6 black layered

5063	291503	60573	0	13.7 clay with sanc
5064	291504	60573	13.7	38.1 sand with sor
5065	291505	60573	38.1	54.9 sand with clay
5066	291506	60573	54.9	64 med gravel wi
5067	291507	60573	64	70.7 silt with clay la
5068	291508	60573	70.7	78.6 mudstone
5069	291509	60573	78.6	86.9 sandstone-dk
5070	291510	60573	86.9	105.2 sandstone wit
5071	291511	60573	105.2	115.8 silt stone-brov
5072	175549	60604	0	19.5 grey soft clay
5073	175550	60604	19.8	31.1 sandy clay
5074	175551	60604	31.4	40.8 sand and grav
5075	175552	60604	41.1	54.9 sandstone stri
5076	175553	60604	55.2	57 sandstone
5077	175555	60604	57.3	60.7 stringers and
5078	291584	60605	0	11 glaciell till
5079	291585	60605	11	18.3 silty sand and
5080	291712	60656	0	1.8 till
5081	291713	60656	1.8	3.4 gravel-med wi
5082	291714	60656	3.4	4.3 med gravel wi
5083	291715	60656	4.3	6.4 med gravel ar
5084	291716	60656	6.4	11.6 shale
5085	291717	60658	0	57.9 brown clay
5086	291718	60658	57.9	61 layered sands
5088	291743	60677	9.1	12.2 silty sand
5089	291744	60677	12.2	14.6 silty sand in la
5090	291745	60677	14.6	42.7 broken weath
5091	291746	60678	0	9.1 sand
5092	291747	60678	9.1	27.4 dry gravel
5093	291748	60678	27.4	36.6 silty clay
5094	291749	60678	36.6	44.2 silty clay with
5095	291750	60678	44.2	45.7 black rock
5096	291751	60679	0	12.2 sandy till
5097	291752	60679	12.2	13.7 silty gravel
5098	291753	60679	13.7	16.8 sandy gravel
5099	44255	60682	0	6.7 till
5100	44256	60682	6.7	44.2 sandy shale
5101	44257	60682	44.2	70.1 shale with lay
5102	44258	60682	59.4	64 making water
5103	175571	60696	0	1.2 clay
5104	175572	60696	1.2	11.6 sandstone an
5105	175573	60696	11.6	13.1 hard sandstor



5106	175574	60696	13.1	15.8 clayey sandst
5107	175575	60696	15.8	21 hard sandstor
5108	175576	60696	21	25.6 sandy shlae-l
5109	175577	60696	25.6	29.6 sandstone
5110	175578	60696	29.6	31.4 med grey sha
5111	175579	60696	31.4	32 shale and san
5112	46204	62210	0	4.6 clay
5113	46205	62210	4.6	54.9 soft bedrock, :
5114	46206	62210	54.9	91.4 hard shale an
5115	176229	62219	0	5.5 light grey/brov
5116	176230	62219	5.5	9.1 med grey sha
5117	176231	62219	9.1	16.5 light grey shal
5118	176232	62219	16.5	22.3 med grey sha
5119	176234	62221	0	3.4 sandy clay bro
5120	176235	62221	3.4	36 clay grey and
5121	176236	62221	36	38.4 sandstone-so
5122	176238	62221	38.4	50 shale-grey
5123	295939	62223	0	6.4 sticky grey cla
5124	295940	62223	6.4	14.9 med grey clay
5125	295941	62223	14.9	15.8 heaving clay a
5126	295942	62223	15.8	48.2 med grey san
5148	295961	62230	18.3	24.7 blue mud
5127	295943	62223	48.2	48.8 small gravelly
5128	295944	62223	48.8	49.7 med grey san
5129	295945	62224	0	5.2 med grey bro
5130	295946	62224	5.2	14.9 med grey sha
5131	295947	62224	14.9	17.7 med grey sha
5132	295949	62224	17.7	20.1 cemented sar
5133	295950	62224	20.1	21 med grey sha
5134	176239	62226	0	4.9 light grey clay
5135	176240	62226	4.9	13.4 light grey shal
5136	176241	62226	13.4	17.4 light grey clay
5137	176243	62226	17.4	19.2 med grey clay
5138	176244	62226	20.1	21 hit water
5139	295951	62228	0	9.1 blue mud
5140	295952	62228	9.1	14 sandy clay
5141	295953	62228	14	15.8 grey mud
5142	295955	62228	17.4	25 blue black mu
5143	295956	62230	0	3.7 grey mud
5144	295957	62230	3.7	6.7 yellow silt
5145	295958	62230	8.8	10.7 grey sand silt
5146	295959	62230	10.7	15.2 blue mud

5147	295960	62230	15.2	18.3 blue sand
5149	295963	62233	0	4 mud grey
5150	295964	62233	4	11 silty yellow
5151	295966	62233	11	12.2 water
5152	295965	62233	11	14 grey mud
5153	295967	62234	0	4.6 light grey clay
5154	295968	62234	4.6	6.4 med grey clay
5155	295969	62234	6.4	7.6 light grey brov
5156	295970	62234	7.6	21 med grey sha
5157	295971	62236	0	4.9 clay-brown /gr
5158	295972	62236	4.9	5.5 clay-light grey
5159	295973	62236	5.5	5.8 brown sandstr
5160	295974	62236	5.8	12.8 shale with sar
5161	295976	62236	12.8	27.7 shale-med gre
5162	295977	62236	27.7	29.9 sandstone-gre
5163	295978	62236	29.9	34.1 shale-grey
5164	295979	62236	34.1	35.7 sandstone-gre
5165	295980	62236	35.7	65.2 shale-grey
5166	295982	62239	0	14.9 med grey clay
5167	295983	62239	14.9	21.3 med grey clay
5168	295984	62239	21.3	35.7 med grey sha
5169	295985	62239	35.7	36.6 cemented sar
5214	296040	62249	1.8	2.1 red/brown cla
5170	295986	62239	36.6	37.5 med grey sha
5171	295987	62239	37.5	39.6 light grey shal
5172	295988	62241	0	11.9 med grey brov
5173	295990	62241	11.9	19.5 med grey sha
5174	295991	62241	19.5	21 light grey shal
5175	295993	62241	21	21.9 med grey sha
5176	295994	62241	21.9	22.9 light grey shal
5177	295995	62241	22.9	23.8 making water
5178	295996	62241	22.9	24.7 med grey sha
5179	295997	62241	24.7	27.1 light grey shal
5180	295998	62241	27.1	29 med grey sha
5181	295999	62241	29	31.7 light grey shal
5182	296000	62241	31.7	34.7 med grey sha
5183	296001	62241	34.7	35.7 lost circulatio
5184	296002	62241	34.7	41.1 cemented sar
5185	296003	62242	0	3 grey clay
5186	296004	62242	3	6.7 yellow sand
5187	296005	62242	6.7	13.1 grey clay
5188	296006	62242	13.1	16.8 black mud

5189	296007	62242	16.8	23.8 blue mud
5190	296008	62242	23.8	24.4 blue sandston
5215	296041	62249	2.1	10.1 med grey sha
5191	296009	62242	24.4	25.5 blue mud
5192	296011	62243	0	0.9 brown clay
5193	296012	62243	0.9	11.6 grey silt
5194	296013	62243	11.6	12.2 grey shale
5195	296014	62243	12.2	12.5 water
5196	296015	62243	12.5	23.2 grey shale
5197	296016	62244	0	3 grey clay
5198	296017	62244	3	12.8 brown sand
5199	296018	62244	12.8	37.5 med grey sha
5200	296019	62245	0	1.8 med grey bro
5201	296020	62245	1.8	8.2 med grey sha
5202	296021	62245	8.2	10.1 brown sandstr
5203	296022	62245	10.1	11 dark grey sha
5204	296023	62245	11	11.6 possible wate
5205	296024	62245	11.6	15.2 med grey sha
5206	296025	62246	0	1.5 brown clay
5207	296026	62246	1.5	2.4 shale and clay
5208	296027	62246	2.4	6.1 black shale wi
5209	296028	62246	6.1	80.8 layered sands
5210	296029	62247	0	10.7 dry gravel
5211	296030	62247	10.7	18.3 coarse gravel
5213	296039	62249	0.6	1.8 light grey clay
5223	326300	62801	0	3 sandy
5224	326301	62801	3	28.3 clay
5225	326302	62801	28.3	29.6 sand or sands
5226	326303	62801	29.6	36.6 clay
5227	326304	62801	36.6	38.1 sand
5228	326305	62801	38.1	44.2 sand and clay
5231	326308	62802	3	4.6 sand
5232	326309	62802	4.6	10.1 sandstone
5233	326310	62803	0	6.1 clay
5234	326311	62803	6.1	8.8 shale
5235	326312	62803	7	8.8 water vein
5236	326313	62803	8.8	9.1 rock
5237	326314	62803	9.1	12.2 clay
5238	326315	62804	0	17.7 clay
5239	326316	62804	17.7	25 clay and shale
5240	326317	62804	25	32.3 shale, rock an
5241	326318	62805	0	10.1 clay

5242	326319	62805	10.1	21.3 sandstone
5243	326320	62805	21.3	24.1 shale
5244	326321	62805	24.1	25 sandstone
5245	326322	62805	25	25.6 shale
5246	326323	62805	25.6	26.8 sandstone
5247	326324	62805	26.8	27.4 shale
5248	326325	62805	27.4	29 sandstone
5249	326326	62805	29	32.3 shale
5250	326327	62805	32.3	36 sandstone
5251	326328	62805	36	53.3 shale
5252	326566	62959	0	6.7 rock and sanc
5253	326567	62959	6.7	16.8 black clay
5254	326568	62959	16.8	19.8 3% clay and 9
5255	326569	62959	19.8	20.7 80% clay and
5256	326570	62959	20.7	40.2 clay and trace
5257	326571	62959	40.2	42.7 sandstone an
5258	326572	62959	42.7	44.5 sandstone an
5259	297065	62960	0	18.3 sandy clays
5260	297066	62960	18.3	45.7 clay
5261	297067	62960	45.7	51.8 grey clays
5262	297068	62960	51.8	53.3 cemented gra
5263	297069	62960	53.3	67.1 shales
5264	297070	62960	67.1	100.6 sandstone
5265	297071	62960	100.6	103.6 fractured sanc
5266	297072	62961	0	9.1 clay
5267	297073	62961	9.1	30.5 shale and san
5268	176721	62963	0	0.3 light grey clay
5269	176722	62963	0.3	17.7 med grey sha
5270	176724	62963	17.7	25.9 dark grey sha
5271	176725	62963	25.9	28.7 shale clay anc
5272	176727	62963	28.7	29.3 cemented sar
5273	176728	62963	29.3	31.4 grey shale
5274	451198	63377	2.4	106.7 shale & sands
5276	451201	63378	6.1	76.2 shale & sands
5277	451200	63378		6.1 clay gravel
5278	451203	63379		36.6 fine & coarse
5279	451220	63392	0	18.3 blue clay sanc
5280	451221	63392	18.3	29.3 heavy blue cl
5281	451222	63392	29.3	36.6 sandy grey cl
5282	451223	63392	36.6	48.8 heavy blue cl
5283	451224	63392	48.8	49.1 quicksand silt
5284	451227	63394	27.4	40.2 loose gravel

5285	451228	63394	40.2	146.3 shale sandsto
5291	327494	63404	0	0.6 top soil
5292	327495	63404	0.6	20.7 clay & gumbo
5293	327496	63404	20.7	24.4 hard sandstor
5294	327497	63404	24.4	32.6 sandstone wit
5295	327498	63404	32.6	42.1 wb shale
5296	327499	63404	42.1	43.3 hard sandstor
5297	327500	63404	43.3	53.3 sandy shale
5298	327501	63404	53.3	56.4 gravelly glimr
5299	327502	63404	56.4	66.4 shale
5300	451242	63405	4.6	6.7 gravel rock &
5301	451243	63405	6.7	14 blue clay
5302	451244	63405	14	15.2 blue clay & gr
5303	451245	63405	15.2	23.5 fine gravel
5304	451241	63405		4.6 gravel & rocks
5305	451255	63408	5.5	15.2 brown clay & g
5306	451256	63408	15.2	49.4 blue clay & sa
5307	451257	63408	49.4	50.3 hard sandstor
5308	451258	63408	50.3	56.4 soft sandstone
5309	451259	63408	56.4	57.3 hard shale roc
5310	451260	63408	57.3	64.6 soft sandstone
5311	451254	63408		5.5 brown clay
5313	327504	63409	33.5	73.2 shale & sands
5314	327505	63410	0	33.5 clay
5315	327506	63410	33.5	73.2 shale & sands
5316	451263	63411	4.6	96 shale & sands
5317	451262	63411		4.6 clay
5318	451266	63412	9.1	137.2 shale & sands
5319	451265	63412		9.1 clay
5320	327507	63413	0	9.1 clay
5321	327508	63413	9.1	54.9 shale & sands
5325	327514	63420	18.3	106.7 shale
5326	327517	63424	0	11.3 clay tills
5327	327518	63424	11.3	91.4 layers of siltst
5328	332486	66989	0	7.9 till
5329	332487	66989	7.9	74.7 shale grey
5330	332488	66989	74.7	83.8 sandstone da
5331	332489	66989	83.8	134.1 shale w thin s
5332	332490	66989	134.1	195.1 shale dark gre
5333	332491	66992	0	6.1 grey clay
5334	332492	66992	6.1	48.8 layered shale:
5335	332670	67027	0	3 brown silty cl

5336	332671	67027	3	18.3 brown glaciol
5337	332672	67027	18.3	30.5 layered grey s
5339	471463	70868	22.9	30.5 gravel
5340	471464	70868	30.5	146.3 sandstone & s
5341	471466	70869		17.7 gravel
5342	471507	70877	0	76.2 all clay
5343	340050	71059	0	9.1 sandy clay br
5344	340051	71059	9.1	15.2 silty clay till gr
5345	340052	71059	15.2	21.3 clay
5346	340053	71059	21.3	29 glacial till
5347	340054	71059	29	33.5 silty gravels
5348	340055	71059	33.5	36.6 bedrock shale
5349	340056	71059	36.6	61 mudstone & s
5350	340057	71059	61	91.4 siltstone & sai
5351	340058	71060	0	23.5 clay sand
5352	340059	71060	23.5	25 gravel
5353	340060	71061	0	29 sand & silts
5354	340061	71061	29	30.5 gravel
5355	299218	71062	0	4.6 sandy clay
5356	299219	71062	4.6	7.6 gravel
5357	299220	71062	7.6	13.7 sandy clay
5358	299221	71062	13.7	16.5 sandy clay so
5359	299222	71062	16.5	17.7 gravel & sand
5360	299223	71062	17.7	18.6 till
5361	48400	71063	0.3	4.6 sandy clay
5362	48401	71063	4.6	7.6 gravel
5363	48402	71063	7.6	13.7 sandy clay
5364	48403	71063	13.7	16.5 sandy clay so
5365	48404	71063	16.5	17.7 gravel-water k
5366	48405	71063	17.7	22.6 till
5367	48406	71063	22.6	61 shale
5368	48407	71064	0	22.9 clay & gravel
5369	48408	71064	22.9	51.8 shale
5370	48409	71065	0	14.3 gravel
5371	48410	71065	14.3	15.2 shale
5372	299224	71066	0	19.2 clay & gravel
5373	299225	71066	19.2	22.3 gravel
5374	48411	71067	0	16.2 clay gravel
5375	48412	71067	16.2	19.8 shale
5376	48413	71068	0	11.6 gravel
5377	48414	71068	11.6	13.1 shale
5378	48415	71069	0	13.7 clay & gravel

5379	48416	71069	13.7	16.8 shale
5380	299226	71070	0	18.3 clay & gravel
5381	299227	71070	18.3	22.3 gravel
5382	48417	71071	0	18.3 clay & grave
5383	48418	71071	18.3	21.3 shale
5384	112565	71072	0	15.2 gravel
5385	112566	71072	15.2	16 shale
5386	299228	71073	0	16.8 gravel & bouk
5387	299229	71074	0	18.3 gravel
5388	299230	71075	0	15.2 clay gravel
5389	299231	71076	0	4.3 sand & gravel
5390	299232	71076	4.3	115.8 clay
5391	48419	71077	0	5.5 gravel
5392	48420	71077	5.5	9.1 shale
5393	48421	71078	0	6.1 gravel & bouk
5394	48422	71078	6.1	16.2 sand & gravel
5395	48423	71078	16.2	16.8 shale
5396	340062	71079	0	16.2 gravel & bouk
5397	48424	71080	0	9.1 sand & gravel
5398	48425	71080	9.1	17.7 shale
5399	48426	71081	0	22.9 gravel & bouk
5400	48427	71081	22.9	23.5 shale
5401	48428	71082	0	23.5 gravel & clay
5402	48429	71082	23.5	24.4 shale
5403	48430	71083	0	9.1 sand & gravel
5404	48431	71083	9.1	21.3 clay
5405	48432	71083	21.3	29.9 shale
5406	48433	71084	0	3 gravel & sand
5407	48434	71084	3	4.6 fine sand
5408	48435	71084	4.6	13.7 sandy clay
5409	48436	71084	13.7	22.9 till
5410	48437	71084	22.9	33.5 sandy clay so
5411	48438	71084	33.5	37.2 till
5412	48439	71084	37.2	91.4 shale
5413	177510	71085	0	5.5 gravel & some
5414	177509	71085	0	36.6 dry hole
5415	177511	71085	5.5	7.6 gravel
5416	177512	71085	7.6	15.2 fine sand min
5417	177513	71085	15.2	30.5 very fine silty
5418	177514	71085	30.5	36.6 very fine silty
5419	299233	71086	0	9.1 sandy gravel
5420	299234	71086	9.1	21.3 fine silty sand

5421	299235	71086	21.3	36.6 fine silty sand
5430	471848	71088	21.3	149.4 shale sandsto
5432	48446	71089	1.5	4.9 gravel
5434	48448	71089	13.7	15.2 till
5435	48449	71089	15.2	23.8 sandy clay
5436	48450	71089	23.8	25.6 till
5437	48451	71089	25.6	29.6 sandy clay
5438	48452	71089	29.6	32 till
5439	48453	71089	32	62.5 shale
5440	477128	72903	0	1.5 clay & gravel
5441	477129	72903	1.5	17.7 sand & silt
5442	477130	72903	17.7	20.7 sand & gravel
5443	477131	72903	20.7	36.6 compact clay
5444	477132	72903	36.6	43.3 sandstone
5445	477133	72903	43.3	44.5 shale
5446	477134	72903	44.5	49.7 coal & shale l
5447	477137	72904	3	7.6 sand
5448	477138	72904	7.6	10.7 sand & silt
5449	477139	72904	10.7	21.6 sand
5450	477140	72904	21.6	25 gravel tight
5451	477136	72904		3 gravel
5452	344099	72905	0	6.1 gravel some c
5453	344100	72905	6.1	23.2 sand & silt littl
5454	344101	72905	23.2	24.4 compact clay
5455	344102	72906	0	3.7 loose brown g
5456	344103	72906	3.7	21 loose blue fine
5457	344104	72906	21	30.2 hard blue glac
5458	344105	72906	30.2	31.1 shale
5459	344106	72906	31.1	32.6 coal
5460	344107	72906	32.6	51.2 shale
5461	344108	72906	51.2	53.3 coal
5462	344109	72906	53.3	68.6 shale coal stri
5463	344110	72906	68.6	79.2 sandstone
5464	477151	72909	18.3	21.3 broken bedroc
5465	477152	72909	21.3	79.2 bedrock (quar
5466	477150	72909		18.3 sand
5467	477155	72910	10.7	27.4 sandy gravels
5468	477156	72910	27.4	30.5 sandy gravels
5469	477154	72910		10.7 dry gravel
5470	477259	72939		54.9 sand & gravel
5471	477262	72940	0.9	23.8 blue sandy ck
5472	477263	72940	23.8	57.9 till



5473	477264	72940	57.9	68.6 fine sand blac
5474	477265	72940	68.6	71.6 blue clay
5475	477266	72940	71.6	74.4 fine black san
5476	477267	72940	74.4	76.2 sand & coarse
5477	477261	72940		0.9 brown silt
5478	178209	72943	0	25.9 coarse gravel:
5479	178208	72943	0	29.3 pump until cle
5480	178210	72943	25.9	29 coarse gravel
5481	299469	72944	0	8.5 dry gravels
5482	299470	72944	8.5	10.7 till
5483	299471	72945	0	1.5 clay
5484	299472	72945	1.5	3 sand
5485	299473	72945	3	6.1 dry gravel
5486	299474	72945	6.1	7.6 dirty gravel
5487	299475	72945	7.6	10.7 boulders 7 gra
5488	48538	72946	0	4.6 gravel fill
5489	48539	72946	4.6	9.1 dry gravel & s
5490	48540	72946	9.1	10.7 silty sand
5491	48541	72946	10.7	29 dirty gravels
5492	48542	72946	29	39.9 brown gravels
5493	48543	72946	39.9	40.2 shales
5494	48544	72947	0	7.6 dry gravels
5495	48545	72947	7.6	13.1 dirty gravels
5496	48546	72947	13.1	14.6 till
5497	48547	72947	14.6	15.8 shales
5498	299476	72948	0	6.1 dry gravel
5499	299477	72948	6.1	18.9 layered grave
5500	299478	72948	18.9	19.8 till
5501	299479	72949	0	9.1 dry gravels
5502	299480	72949	9.1	12.2 sand & gravel
5503	299481	72949	12.2	18.9 sand & gravel
5504	299482	72949	18.9	19.2 clay
5505	48548	72950	0	4.6 clay tills
5506	48549	72950	4.6	13.7 gravels
5507	48550	72950	13.7	15.2 shale
5508	178212	72951	0	4.6 gravels
5509	178211	72951	0	6.1 removed casii
5510	178213	72951	5.5	6.1 silts
5511	299485	72953	0	1.5 silts
5512	299486	72953	1.5	4.6 dirty gravels
5513	299487	72953	4.6	7 clean sand &
5514	299488	72953	7	30.5 silty sand & si

5515	48551	72954	0	0.9 silty clay yello
5516	48552	72954	0.9	6.1 dirty gravels
5517	48553	72954	6.1	10.7 silty gravels
5518	48554	72954	10.7	12.5 shales
5519	48555	72955	0	21.3 dry gravels
5520	48556	72955	21.3	24.4 dirty sand & g
5521	48557	72955	24.4	31.4 silty sand
5522	48558	72955	31.4	34.1 silty sands & r
5523	48559	72955	34.1	35.1 silty gravels
5524	48560	72955	35.1	36.6 shales or over
5525	48561	72956	0	9.1 dry gravels
5526	48562	72956	9.1	12.2 silty gravels
5527	48563	72956	12.2	17.7 dirt gravels
5528	48564	72956	17.7	18.9 shale
5529	299489	72957	0	1.5 clay
5530	299490	72957	1.5	8.5 sand & gravel
5531	299491	72957	8.5	12.2 dirty gravels
5532	299492	72957	12.2	15.2 dirty gravels v
5533	299493	72957	15.2	16.5 till
5534	178215	72958	0	1.5 clay
5535	178214	72958	0	18.3 test hole #3
5536	178216	72958	1.5	9.1 dirty gravel
5537	178217	72958	9.1	12.2 till
5538	178218	72958	12.2	18.3 gravels water
5539	178219	72958	18.3	18.9 till
5540	299494	72959	0	0.9 fill
5541	299495	72959	0.9	13.4 sand & gravel
5542	299496	72959	13.4	14.3 till
5543	299497	72960	0	4 clay yellow
5544	299498	72960	4	5.5 sand fine - mε
5545	299499	72960	5.5	13.4 sand & gravel
5546	299500	72960	13.4	14 till
5547	299501	72961	0	2.1 sand
5548	299502	72961	2.1	4.6 dry gravel
5549	299503	72961	4.6	7.9 dirty gravel da
5550	299504	72961	7.9	18 sands & gravε
5551	299505	72961	18	18.3 till
5552	299506	72962	0	10.4 gravel
5553	299507	72962	10.4	11.3 till
5554	299508	72962	11.3	15.2 gravel
5555	48565	72963	0	1.2 sands
5556	48566	72963	1.2	5.2 dry gravel

5557	48567	72963	5.2	12.2 gravels
5558	48568	72963	12.2	15.2 till
5559	48569	72963	15.2	16.8 bedrock
5560	48570	72964	0	10.7 dry gravels
5561	48571	72964	10.7	15.2 glacial till
5562	48572	72964	15.2	18.3 bedrock
5563	299509	72965	0	4.6 dry gravel
5564	299510	72965	4.6	7.6 gravel moist
5565	299511	72965	7.6	16.8 sand & gravel
5574	346600	74390	0	4.9 brown sand
5575	346601	74390	4.3	10.1 brown loose g
5576	346602	74390	10.1	15.8 brown sand lc
5577	346603	74390	15.8	17.7 gravel firm
5578	346604	74390	17.7	19.8 clayey gravel
5579	346605	74390	19.8	30.2 gravel firm ba
5580	346606	74390	30.2	32.3 gravel loose h
5581	302880	75477	0	31.1 clay with sanc
5582	302881	75477	31.1	37.2 (quick sand la
5583	302882	75477	37.2	37.8 gravel
5584	302883	75477	37.8	38.4 clay with som
5585	50116	75478	0	47.2 brown clay
5586	50117	75478	47.2	50.3 silty gravel
5587	50118	75478	50.3	80.8 brown clay
5588	50119	75478	80.8	91.4 layered shale
5589	50120	75478	85.3	91.4 open hole
5590	50121	75480	0	36.6 soft clay
5591	50122	75480	36.6	54.9 shale and clay
5592	50123	75480	54.9	73.2 clay with grav
5593	50124	75480	73.2	91.4 sandstone an
5594	50125	75480	91.4	103.6 sandstone (fr
5595	347298	75481	0	15.5 grey clay and
5596	347299	75481	15.5	19.8 grey clay and
5597	347300	75481	19.8	46.6 grey shale cla
5598	178575	75482	0	0.3 soil
5599	178576	75482	0.3	1.8 sandy clay
5600	178577	75482	1.8	5.5 sand and grav
5601	178578	75482	5.5	7 sand and grav
5602	178579	75482	7	27.4 clay (silty)
5603	302884	75483	0	0.3 soil
5604	302885	75483	0.3	2.1 sand and grav
5605	302886	75483	2.1	6.7 sand and grav
5606	302887	75483	6.7	9.1 coarse sand

5607	302888	75483	9.1	19.5 clay (silty)
5608	302889	75484	0	0.3 soil
5609	302890	75484	0.3	2.1 sandy clay
5610	302891	75484	2.1	7 sand, gravel &
5611	302892	75484	7	8.8 coarse sand (
5612	302893	75484	8.8	19.5 silty clay
5613	347301	75485	0	0.3 soil
5614	347302	75485	0.3	2.1 sandy clay
5615	347303	75485	2.1	7.6 sand, gravel &
5616	347304	75485	7.6	8.5 coarse sand
5617	347305	75485	8.5	19.5 silty clay
5618	302956	75511	0	8.5 clay
5619	302957	75511	8.5	10.1 rock
5620	302958	75511	10.1	24.4 clay
5621	302959	75511	24.4	25.3 shale
5622	302960	75511	25.3	37.2 clay
5623	302961	75511	37.2	39 sand
5624	302962	75511	39	41.1 shale
5625	302963	75511	41.1	46.9 clay
5626	302964	75511	46.9	91.4 shale and clay
5629	302965	75513	0	25.3 clay with sanc
5630	302966	75513	25.3	25.9 rock
5631	302967	75513	25.9	29.9 clay or shale
5632	302968	75513	29.9	31.1 sandstone (w
5633	347333	75514	0	8.5 clay with som
5634	347334	75514	8.5	18.6 clay with grav
5635	347335	75514	18.6	22.9 brown rock, s
5636	347336	75514	22.9	53.3 clay
5637	347337	75514	53.3	54.9 soft sandston
5638	347338	75514	54.9	65.5 sandy shale
5639	347339	75514	65.5	69.5 soft with more
5640	347340	75514	69.5	83.8 clay or shale
5641	50141	75515	0	3.7 sandy gravely
5642	50142	75515	3.7	25 clay
5643	50143	75515	25	27.1 sandstone
5644	302969	75516	0	9.1 clay
5645	302970	75516	9.1	21.3 clay with grav
5646	302971	75516	21.3	41.1 clay
5647	302972	75516	41.1	44.5 gravel and cla
5648	50144	75517	0	2.1 sandy clay
5649	50145	75517	2.1	3 sand
5650	50146	75517	3	4 sandstone

5651	50147	75517	4	4.3 rock
5652	50148	75517	4.3	7.3 sandy clay
5653	50149	75517	7.3	17.4 clay
5654	50150	75517	17.4	21 shale
5656	347342	75519	0.3	6.1 brown clay
5657	347343	75519	6.1	12.2 clay and gravel
5658	347344	75519	12.2	30.8 gravel
5659	347345	75519	30.8	32.6 clay
5660	347346	75520	0	24.4 clay
5661	347347	75520	24.4	36.6 gravel
5662	347348	75520	36.6	48.8 bedrock - shale
5664	347350	75522	39.6	118.9 shale
5665	347422	75546	0	8.8 clay
5666	347423	75546	8.8	11.3 water loss, base
5667	347424	75546	11.3	12.5 sudden colour
5668	347425	75546	12.5	15.8 clay
5669	347426	75546	15.8	25.3 shaley clay with
5670	347427	75546	25.3	27.4 clay or shale with
5671	50181	75547	0	20.7 gravelly clay
5672	50182	75547	20.7	25.9 sandstone
5673	50183	75547	24.4	30.5 water in form of
5674	50184	75547	25.9	32 shale
5675	50185	75557	0	22.9 soft clay
5676	50186	75557	22.9	25.6 hard clay
5677	50187	75557	25.6	36.9 sandstone, 10
5678	50188	75557	36.9	38.1 hard sandstone
5679	50189	75557	38.1	39.6 sandstone
5680	50190	75557	39.6	45.1 sandstone, 13
5681	50191	75557	45.1	47.5 black shale
5682	50192	75557	47.5	74.1 sandstone
5683	50193	75557	74.1	82.3 shale
5684	302992	75573	0	6.1 clay
5685	302993	75573	6.1	9.1 sandy clay
5686	302994	75573	9.1	10.7 possibly some
5687	302995	75573	10.7	58.8 clay
5688	302996	75573	58.8	61 sandstone
5689	302997	75574	0	47.5 clay
5690	302998	75574	47.5	54.9 silt, sand and
5691	302999	75574	54.9	60.4 clay
5692	303000	75574	60.4	61.6 sandstone with
5693	50194	75575	0	5.8 clay
5694	50195	75575	5.8	21.3 sandstone, with

5695	50196	75575	21.3	22.9 clay or shale
5696	50197	75575	22.9	24.4 sandstone
5697	50198	75577	0	51.8 clay
5698	50199	75577	51.8	56.4 shale
5699	50200	75577	56.4	58.2 sandstone (sc
5700	50201	75577	58.2	72.5 sandy shale
5701	50202	75577	72.5	73.8 sandstone (sc
5702	50203	75577	73.8	81.1 sandy shale
5703	50204	75577	81.1	82.3 sandstone (ha
5704	50205	75577	82.3	85.6 shale
5705	50206	75577	85.6	87.2 sandstone
5706	50207	75577	87.2	88.4 shale
5707	50208	75590	0	3.4 clay
5708	50209	75590	3.4	7.3 hard clay, san
5709	50210	75590	7.3	9.4 sandstone (flu
5710	50211	75590	9.4	18.3 shale
5711	50212	75590	18.3	21.3 clay
5712	50213	75590	21.3	26.2 sandstone
5713	50214	75590	26.2	29.3 shale
5714	50215	75590	29.3	37.2 sandstone (wa
5715	50216	75590	37.2	45.7 shale
5716	50217	75590	45.7	48.5 sandy shale
5717	50218	75590	48.5	49.7 very light gray
5718	50219	75590	49.7	54.9 shale, regular
5719	50220	75590	54.9	61.6 sandstone
5720	50221	75590	61.6	65.2 shale
5721	50222	75590	65.2	75.3 sandy shale
5722	50223	75590	75.3	76.2 sandstone
5723	50224	75590	76.2	79.9 shale
5724	50230	75593	0	11.3 clay
5725	50231	75593	11.3	17.1 sandstone, op
5726	50232	75593	17.1	18 hard rock
5727	50233	75593	18	26.2 sandstone, wa
5728	50234	75593	26.2	27.4 shale
5729	350338	76279	0	6.7 glacial till
5730	350339	76279	6.7	24.4 ss med soft br
5731	350340	76279	24.4	29 layered ss & s
5732	350341	76279	29	33.5 hard ss grey
5733	350342	76279	33.5	44.8 ss med soft w
5734	350343	76279	44.8	47.9 ss fine dark gr
5735	350344	76279	47.9	51.2 ss blk & grey l
5736	350345	76279	51.2	80.8 shale med

5737	350346	76279	80.8	106.7 shale w layers
5738	350347	76279	106.7	108.2 ss grey fractu
5739	350348	76279	108.2	123.4 ss w shale str
5740	350349	76279	123.4	129.5 shale
5741	350350	76279	129.5	138.7 shale w fine s
5742	350351	76279	138.7	140.5 ss med coarse
5743	350352	76279	140.5	173.7 shale & siltsto
5744	350353	76279	173.7	174.7 ss med fine fr
5745	350354	76279	174.7	175.3 ss fine tight in
5748	350357	76280	5.5	9.8 fine silt clay p
5749	350358	76280	9.8	18.6 gravel & sand
5750	350359	76280	18.6	18.9 shale
5751	350360	76281	0	15.8 glacial till
5752	350361	76281	15.8	16.2 ss fine hard
5753	350362	76281	16.2	17.1 shale med ha
5754	350363	76281	17.1	17.7 ss med lined l
5755	350364	76281	17.7	18.9 shale with ss :
5756	350365	76281	18.9	22.6 shale
5757	350366	76281	22.6	23.8 ss br med har
5758	350367	76281	23.8	24.4 shale
5759	350368	76282	0	18.3 clay brown
5760	350369	76282	18.3	39.6 clay silty
5761	350370	76282	39.6	48.8 sand brown si
5762	350378	76284	0	3 clay till
5763	350379	76284	3	21.3 sticky clay
5764	350380	76284	21.3	33.5 sandy silt w w
5765	350381	76284	33.5	39.6 sticky clay w c
5766	350382	76284	39.6	42.7 gravel w sand
5767	350383	76284	42.7	48.8 gravelly till ma
5768	350384	76284	48.8	49.7 fine sand & sil
5769	350385	76284	49.7	55.2 silty clay w co
5770	350386	76284	55.2	56.4 silty clay w co
5771	350387	76284	56.4	64.6 hard sticky sil
5772	350388	76284	64.6	67.1 gravelly till w :
5773	350389	76284	67.1	73.2 gravel well mi
5774	350390	76285	0	4.9 clay
5775	350391	76285	4.9	17.7 shale ss lense
5776	350392	76285	17.7	18.6 ss waterbeari
5777	350393	76285	18.6	22.6 shale
5778	350394	76285	22.6	23.2 hard silt stone
5779	350395	76285	23.2	24.1 ss fine waterb
5780	350396	76285	24.1	35.1 shale with ss

5781	350397	76285	35.1	35.7 ss fine fractur
5782	350398	76285	35.7	36.6 shale
5783	350399	76285	36.6	38.1 ssa fine med
5784	350400	76285	38.1	40.5 ss med grit cl
5785	350401	76285	40.5	44.2 ss med grit sc
5786	350402	76285	44.2	52.4 ss hard soft in
5787	350403	76285	52.4	53 ss hard browr
5788	350404	76285	53	53.6 ss hard brwor
5789	350405	76285	53.6	54.3 ss grey med c
5790	356103	77945	0	4.6 clay
5791	356104	77945	4.6	6.1 hard sandstor
5792	356105	77945	6.1	10.1 sand& sandst
5793	356106	77945	10.1	22.9 sandstone
5794	356107	77946	0	7.6 clay
5795	356108	77946	7.6	23.8 sandstone
5796	356109	77947	0	21.3 clay
5797	356110	77947	21.3	22.9 gravel in clay
5798	356112	77947	22.9	47.9 clay
5799	356113	77947	47.9	49.7 sand high air t
5800	356114	77947	49.7	53.6 clay
5801	356115	77947	53.6	55.5 clay & gravel
5802	356116	77947	55.5	58.5 clay no water
5803	356117	77947	58.5	68 shale
5804	356118	77948	0	21.3 gravely clay
5805	356119	77948	21.3	24.7 soft sandston
5806	356120	77948	24.7	25.6 hard sandstor
5807	356121	77948	25.6	62.5 soft sandston
5808	356123	77948	59.4	62.8 water produce
5809	356122	77948	62.5	62.8 shale
5810	356124	77949	0	7.3 clay
5811	356125	77949	7.3	10.4 soft sandston
5812	356126	77949	10.4	24.4 sandstone po
5813	356127	77950	0	8.5 clay
5814	356128	77950	8.5	10.7 gravel & sand
5815	356129	77950	10.7	11.6 hard rock
5816	356130	77950	11.6	15.5 sandstone
5817	356131	77950	15.5	16.5 hard rock 7 ga
5818	356132	77950	16.5	17.4 shale
5820	356134	77951	11	14 mixture of clay
5821	356135	77951	14	19.5 tapered more
5822	356136	77952	0	11 clay
5823	356137	77952	11	16.8 sandstone wa



5824	356138	77953	0	4 clay w gravel
5825	356139	77953	4	5.5 gravel & sand
5826	356140	77953	5.5	27.4 clay
5827	356141	77953	27.4	28 gravel & sand
5828	356142	77953	28	34.4 clay
5829	356143	77954	0	7.3 gravely clay
5830	356144	77954	7.3	11 shale
5831	356145	77955	0	13.7 clay
5832	356147	77955	13.7	20.7 shale water
5833	356148	77956	89	96.6 filled back in v
5834	356149	77957	0	15.2 sandy & grave
5835	356150	77957	15.2	32.6 clay
5836	356151	77957	32.6	58.5 soft clay
5837	356152	77957	58.5	67.7 brown sand w
5838	356153	77957	67.7	70.7 darker grey s
5839	356154	77957	70.7	73.2 sandstone wa
5840	482314	77958	0	9.1 clay
5841	482315	77958	9.1	9.4 rock or hard s
5842	482316	77958	9.4	12.2 clay tapering i
5843	482317	77958	12.2	43 shale  0.8 gal
5844	482318	77958	43	43.9 sandy shale
5845	482319	77958	43.9	48.8 shale
5846	482320	77958	48.8	50 sandy layer
5847	482321	77958	50	61 shale
5848	482322	77958	50.9	56.1 water bearing
5849	356155	77959	0	1.2 sand
5850	356156	77959	1.2	9.1 sandstone sof
5851	356157	77959	9.1	10.4 sandy clay
5852	356158	77959	10.4	12.8 sandstone wa
5853	356159	77959	12.8	15.2 clay
5854	358130	78358	0.3	13.1 clay trace of c
5855	358131	78358	13.1	18.3 clay
5856	358132	78358	18.3	20.7 shale
5857	358134	78358	20.7	30.2 shale
5858	358135	78358	30.2	32 thin layer sanc
5859	358136	78358	32	35.1 sand to 130'
5860	358137	78358	35.1	45.7 shale
5861	362549	79281	0	6.1 sand
5862	362550	79281	6.1	7 rock
5863	362551	79281	7	18.3 med fine sanc
5864	362552	79281	18.3	22.9 med-coarse s
5865	303512	80243	0	92 with some roc

5866	303513	80243	92	92.7 gravel makin
5867	303514	80243	92.7	97.8 clay silty grey
5868	303515	80243	97.8	98.8 gravel
5869	51248	80257	0	15.2 till, sandy
5870	51249	80257	15.2	16.5 till with coarse
5871	51250	80257	16.5	48.8 shale, grey
5872	51251	80257	48.8	56.4 sandstone wit
5873	51252	80257	56.4	68.6 sandstone, gr
5874	368183	80270	0	47.5 glacial till
5875	368184	80270	47.5	58.8 shale bl med
5876	368185	80270	58.8	60 ss grey fine h
5877	368186	80270	60	64.6 shale bl med l
5878	368187	80270	64.6	67.1 ss fine grey w
5879	368188	80270	67.1	71.6 shale med ha
5880	368189	80271	0	14.6 till clay silt sar
5881	368190	80271	14.6	23.2 clay
5882	368191	80271	23.2	29.6 shale soft
5883	368192	80271	29.6	29.9 ss black fine c
5884	368193	80271	29.9	39.3 shale soft to n
5885	368194	80271	39.3	40.2 ss black fine c
5886	368195	80271	40.2	47.2 shale soft to n
5887	368196	80272	0	5.5 glacial till-clay
5888	368197	80272	5.5	9.1 glacial till sanc
5889	368198	80272	9.1	46.6 glacial till
5890	368199	80272	46.6	49.4 shale grey me
5891	368200	80272	49.4	53.3 shale & ss lay
5892	368201	80272	53.3	54.6 shale grey me
5893	368202	80272	54.6	54.9 shale br soft
5894	368203	80273	0	12.2 clay
5895	368204	80273	12.2	14 clay w sand &
5896	368205	80274	0	11.6 clay w gravel
5897	368206	80274	11.6	29.9 shale
5898	368207	80274	29.9	30.2 sandstone
5899	368208	80274	31.1	32.3 sandstone
5900	368209	80274	60	60.7 sandstone wb
5901	368210	80274	60.7	64 shale
5902	368211	80275	0	11.6 till clay sand &
5903	368212	80275	11.6	16.8 shale grey sof
5904	368213	80275	16.8	19.8 shale black m
5905	368214	80275	19.8	24.4 shale grey sof
5906	368215	80275	24.4	25.9 shale black m
5907	368216	80275	25.9	28.3 ss fine grey fr

5908	368217	80276	0	1.5 sand silty
5909	368218	80276	1.5	9.1 till gravel som
5910	368219	80276	9.1	17.7 till clay some
5911	368220	80276	17.7	39.6 gravel clay lay
5912	368221	80276	39.6	45.7 gravely clay
5913	368222	80276	45.7	50.3 gravel & sand
5914	368223	80276	50.3	54.9 shale med bla
5915	368244	80278	0	4 clay w 40% cc
5916	368245	80278	4	32 gravel & sand
5917	368246	80278	32	34.4 clay w some c
5918	368247	80278	34.4	53.9 clean gravel
5919	368248	80278	53.9	56.1 wb gravel
5920	368249	80278	56.1	59.1 soft clay or sh
5921	368250	80278	59.1	98.5 shale
5922	368251	80279	0	3.7 silt & sand
5923	368252	80279	3.7	12.8 gravel
5924	368253	80279	12.8	13.7 sandy gravel \
5925	368254	80279	13.7	16.8 very soft sand
5926	368255	80279	16.8	21.3 dark gumbo c
5927	368256	80279	21.3	25.9 gravel & sand
5928	368257	80279	25.9	27.4 sand & gravel
5929	368258	80279	27.4	28.3 clay
5931	368260	80280	42.1	42.7 sand
5932	368261	80280	42.7	76.2 clay
5933	368262	80281	0	12.2 clay
5934	368263	80281	12.2	30.5 shale water
5935	368264	80282	0	1.5 hard clay
5936	368265	80282	1.5	4.6 sandstone
5937	368266	80282	4.6	20.4 light gray shal
5938	368267	80282	20.4	21.6 sandstone prc
5939	368268	80282	21.6	35.1 shale
5940	368269	80283	0	2.1 clay
5941	368270	80283	2.1	3 sandstone
5942	368271	80283	3	6.1 clay & thin lay
5943	368272	80283	6.1	22.9 shale
5944	368273	80284	0	4 gumbo clay
5945	368274	80284	4	15.5 soft clay
5946	368275	80284	15.5	16.5 gravel clay mi
5947	368276	80284	16.5	18.3 soft sandstone
5948	368277	80284	18.3	20.7 gravel clay mi
5949	368278	80284	20.7	24.1 soft clay
5986	369481	80603	0	3 sandy clay

5987	369482	80603	3	27.4 silty gravel
5988	369483	80603	27.4	30.5 coarse gravel
5989	369484	80604	0	53.3 brownish clay
5990	369485	80604	53.3	91.4 grey clay
5991	369486	80605	0	3.7 brown clay
5992	369487	80605	3.7	9.1 black silty gra
5993	369488	80605	9.1	18.3 black silty san
5994	369489	80606	0	3 brown clay
5996	369491	80607	0	6.1 brown sandy c
5997	369492	80607	6.1	91.4 grey layered s
6000	369495	80608	51.8	54.9 brown layerec
6001	369496	80608	54.9	97.5 soft shales
6002	369497	80609	0	12.2 dry gravel
6003	369498	80609	12.2	30.5 brown sand
6004	369499	80609	30.5	36.6 silty sand grey
6005	369500	80609	36.6	103.6 silt w clay laye
6006	369501	80610	0	3 black silty clay
6007	369502	80610	3	7.6 brown silty gra
6008	369503	80610	7.6	15.2 coarse clean c
6009	369504	80610	15.2	24.4 silty sand
6010	369505	80610	24.4	30.5 silt-black
6011	369506	80611	0	3.7 fill
6012	369507	80611	3.7	9.8 glacial till
6013	369508	80611	9.8	68.6 grey rock-harc
6014	369509	80612	0	12.2 grey clay
6015	369510	80612	12.2	45.7 grey-black sha
6016	369511	80612	45.7	64 brown sandstr
6017	369512	80612	64	121.9 grey shale
6018	369513	80613	0	2.4 brown sand
6019	369514	80613	2.4	13.7 grey silty sanc
6020	369515	80613	13.7	35.1 grey silty clay
6021	369516	80613	35.1	45.7 brown sandy c
6022	369517	80613	45.7	73.2 brown sandy c
6023	369518	80613	73.2	103.6 grey silty clay
6024	369519	80613	103.6	134.1 grey silty
6025	369520	80613	134.1	146.3 grey silty sanc
6026	369521	80613	146.3	147.8 sandy silt w rc
6027	369522	80613	147.8	149.4 sandy-silty gra
6028	369523	80613	149.4	150.9 tight gravel-cc
6029	369524	80614	0	46.9 grey silty clay
6030	369525	80614	46.9	48.8 coarse brown
6032	373040	81617	29	29.3 gravel

6033	373041	81617	29.3	35.4 clay
6034	373042	81617	35.4	36.3 sandstone
6035	373043	81617	36.3	45.7 clay, tested dr
6036	303822	81618	0	25.9 clay
6037	303823	81618	25.9	26.1 thin layer sand
6038	303824	81618	26.1	31.7 clay
6039	303825	81618	31.7	39 anhydride
6040	303826	81618	39	39.6 clay
6041	303827	81618	39.6	40.5 sandstone
6042	303828	81618	40.5	41.1 small water lo
6043	303829	81618	41.1	45.7 clay
6044	303830	81618	45.7	46 sand
6045	303831	81618	46	50.3 clay
6046	303832	81619	0	13.7 clay
6047	303833	81619	13.7	14 gravel
6048	303834	81619	14	26.8 clay
6049	303835	81619	26.8	27.1 gravel water lo
6050	303836	81619	27.1	36.6 clay
6051	303837	81619	36.6	40.8 anhydride wat
6052	303838	81619	40.8	41.5 water loss, no
6053	303840	81619	40.8	51.8 circulation los
6054	303839	81619	41.5	43 sandstone
6057	51788	81620	8.2	11.3 sandstone
6058	51789	81620	11.3	14.9 shale
6059	51791	81621	0	6.1 sand & gravel
6060	51792	81621	6.1	12.2 dry clay
6061	51793	81621	12.2	24.4 shale soft
6062	51794	81621	24.4	50.3 shale
6063	51795	81621	50.3	57.9 sandstone, se
6064	51796	81621	57.9	88.4 black shale, s
6065	51797	81621	88.4	91.4 shale grey sof
6066	51798	81621	91.4	149.4 shale & small
6067	51799	81621	149.4	158.5 sandstone, 1 t
6068	51800	81621	158.5	166.1 sandstone
6069	51801	81621	166.1	168.2 shale
6070	51802	81621	168.2	170.7 sandstone
6071	51803	81621	170.7	176.8 sandstone, sn
6072	51804	81621	176.8	187.5 sandstone
6073	51805	81621	187.5	210.3 sandstone, sn
6074	51806	81621	210.3	219.5 sandstone, sa
6075	51807	81621	219.5	222.5 sandstone
6076	51808	81621	222.5	225.6 broken-up sha

6077	51809	81621	225.6	243.8 soft shale sea
6078	51810	81621	243.8	248.4 shale, 1 gpm
6079	51811	81621	248.4	249.9 sandstone
6080	51812	81621	249.9	253 shale
6081	51813	81621	253	262.1 sandstone
6082	303841	81622	0	0.9 top soil
6083	303842	81622	0.9	19.8 white clay, so
6084	303843	81622	19.8	27.4 blueish colour
6085	303844	81622	27.4	29 easy drilling (v
6086	303845	81622	29	30.5 into clay
6087	303846	81624	0	12.2 till, soft, olive l
6088	303847	81624	12.2	36.6 as above, ver
6089	303848	81624	36.6	42.7 till, medium, o
6090	303849	81624	42.7	51.8 till, soft, obive
6091	303850	81624	51.8	61 till, as above,
6092	303851	81624	61	69.5 till, very grave
6093	303852	81624	69.5	71.3 as above
6094	303853	81624	71.3	78.6 shale, very ha
6095	51814	81625	0	0.3 top soil
6096	51815	81625	0.3	3 clay
6097	51816	81625	3	17.7 clay with rock
6098	51817	81625	17.7	18.6 dark gray sha
6099	51818	81625	18.6	23.5 dark gray sha
6100	51819	81625	23.5	48.8 dark gray sha
6101	51820	81625	48.8	58.5 black/gray sha
6102	51821	81625	58.5	59.4 gray shale an
6103	51822	81625	59.4	61.6 gray/brown/bl
6104	51823	81625	61.6	62.2 black shale - s
6105	51824	81625	62.2	81.4 salt-pepper w
6106	51825	81625	81.4	81.7 dark gray sha
6107	51826	81625	81.7	83.5 brownish gray
6108	51827	81625	83.5	83.8 brown shale
6109	51835	81627	0	1.2 till, brown with
6110	51836	81627	1.2	41.5 clay, soft silty
6111	51837	81627	41.5	48.2 shale, brown,
6112	51838	81627	48.2	68.3 shale, mediu
6113	303900	81648	0	10.7 sands & grave
6114	303901	81648	10.7	53.3 silts & clays
6115	303902	81648	53.3	58.8 silts & sands
6116	303903	81648	58.8	74.7 sand, fine - m
6117	303904	81648	74.7	83.8 sand med - cc
6118	303905	81648	83.8	88.4 silts, sands, g

6119	303906	81648	88.4	94.5 sands & grave
6120	303907	81648	94.5	99.1 silts & gravels
6121	303908	81648	99.1	101.2 sand & gravel
6122	303909	81648	101.2	106.7 silt, some gra
6123	303910	81648	106.7	129.8 sand & gravel
6124	303911	81648	129.8	133.5 sand, gravels,
6125	303912	81648	133.5	134.7 sands & silts,
6126	303913	81648	134.7	138.7 gravels with s
6127	51865	81649	0	6.1 silt
6128	51866	81649	6.1	12.2 silt gravel
6129	51867	81649	12.2	35.1 gravel silt
6130	51868	81649	35.1	41.1 clay
6131	51869	81649	41.1	48.8 gravel
6132	51870	81649	48.8	53.6 gravel shale s
6133	51871	81649	53.6	67.1 shale
6134	51872	81649	67.1	71.3 sandstone ss
6135	51873	81649	71.3	73.2 sandstone ? ?
6136	51874	81649	73.2	77.1 sandstone ss
6137	51875	81649	77.1	91.4 ss grey
6138	51876	81649	91.4	94.5 ss ? ?
6139	51877	81649	94.5	96 shale soft
6140	51878	81649	96	96.6 ss grey
6141	51879	81649	96.6	98.5 shale
6142	51880	81649	98.5	99.1 ss grey
6143	51881	81649	99.1	105.2 shale
6144	51882	81649	105.2	107.9 ss black
6145	51883	81649	107.9	121.9 shale
6146	51884	81650	0	4.6 gray clay
6147	51885	81650	4.6	12.2 grey weathere
6148	51886	81650	12.2	61 black layered
6149	376632	83243	0	3.4 sand
6150	376633	83243	3.4	5.2 gravel (water)
6153	376636	83244	20.1	22.9 sand trickle
6154	376637	83244	22.9	40.5 clay
6155	376638	83244	40.5	42.1 soft sandston
6156	376639	83244	42.1	50.6 sandy clay
6157	376640	83244	50.6	57.9 soft sandston
6158	376641	83244	57.9	67.1 sandstone
6159	487344	83245	0	18.3 clay
6160	487345	83245	18.3	32.6 shale
6161	487346	83245	32.6	52.4 sandstone  11
6162	487347	83245	52.4	53 shale

6163	487348	83245	53	56.4 sandstone
6164	487349	83245	56.4	96.9 shale
6165	487350	83245	96.9	100.6 sandstone
6166	487351	83245	100.6	102.1 shale
6167	487352	83245	102.1	110.6 sandstone
6168	487353	83245	110.6	114.3 shale
6169	487354	83245	114.3	116.7 sandy shale
6170	487355	83246	0	6.7 clay  boulder
6171	487356	83246	6.7	10.7 sandstone
6172	487357	83246	10.7	36.6 clay shale  wa
6173	487358	83247	0	5.2 sand clay  a r
6174	487359	83247	5.2	21.3 clay
6175	487360	83247	21.3	23.8 sandy shale
6176	487361	83247	23.8	42.7 shale
6177	487362	83247	42.7	54.9 dirty sandston
6178	487363	83247	54.9	56.4 hard sandstor
6179	487364	83247	56.4	61 shale water co
6180	487365	83248	0	19.2 clay
6181	487366	83248	19.2	22.9 sandstone  wa
6182	487367	83248	22.9	26.2 shale
6183	487368	83249	0	11 soft clay
6184	487369	83249	11	13.7 hard clay
6185	487370	83249	13.7	15.8 soft clay
6186	487371	83249	15.8	25.9 shale
6187	487372	83249	25.9	70.1 hard shale 86
6188	487373	83250	0	11 soft clay
6189	487374	83250	11	32.3 clay
6190	487375	83250	32.3	71 hard shale .6c
6191	487376	83251	0	9.8 clay
6192	487377	83251	9.8	15.2 rock
6193	487378	83251	15.2	31.1 shale  water ir
6194	487379	83252	0	3.4 clay with chur
6195	487380	83252	3.4	32.6 sandstone
6196	487381	83252	32.6	36.6 sandy shale
6197	487382	83252	36.6	45.1 sandstone
6198	487383	83252	45.1	60.4 shale
6199	487384	83252	60.4	64.3 fine sandston
6200	487385	83252	64.3	80.2 shale
6201	487386	83252	80.2	86 fine sandston
6202	487387	83253	0	10.4 clay
6203	487388	83253	10.4	10.7 sandstone (tri
6204	487389	83253	10.7	15.2 clay



6205	487390	83253	15.2	30.5 shale
6206	487391	83253	30.5	35.1 fine sandstone
6207	487392	83253	35.1	36.6 shale
6208	487393	83253	36.6	41.8 sandstone
6209	487394	83253	41.8	43 shale  141 los
6210	487395	83253	43	50.9 sandstone
6211	487396	83253	50.9	56.4 shale  water z
6212	487397	83254	0	3.7 clay
6213	487398	83254	3.7	12.2 sandstone
6214	487399	83254	12.2	30.5 shale  water z
6215	376642	83255	0	10.7 clay
6216	376643	83255	10.7	36.6 shale
6217	376644	83256	0	16.8 sandy clay
6218	376645	83256	16.8	66.8 soft clay
6219	376646	83256	66.8	71.9 very sand soft
6220	376647	83256	71.9	85.6 clay
6221	376648	83256	85.6	89 sand gravel cl
6222	376649	83256	89	92 sandstone (w)
6225	487402	83257	53.9	60 clayish sands
6226	487403	83257	60	79.2 clean sandsto
6227	487404	83257	79.2	80.2 hard rock
6228	487405	83257	80.2	83.8 sandstone
6229	487406	83257	83.8	90.8 shale
6230	487407	83257	90.8	91.7 sandstone
6231	487408	83257	91.7	93.6 shale
6232	487409	83257	93.6	102.7 fine sandstone
6233	487410	83257	102.7	106.4 sandy shale
6234	487411	83257	106.4	111.3 sandstone
6235	487412	83257	111.3	112.2 shale
6236	487413	83257	112.2	114.3 clean sandsto
6237	487414	83257	114.3	115.2 shale
6238	487415	83257	115.2	122.5 sandstone 1.2
6239	487416	83258	0	10.7 clay
6240	487417	83258	10.7	19.8 shale
6241	487418	83258	19.8	21.3 sandy shale (r
6242	487419	83258	21.3	36.6 shale  water a
6243	487420	83259	0	1.8 soft clay
6244	487421	83259	1.8	9.1 hard clay
6245	487422	83259	9.1	28.3 shale
6246	487423	83259	28.3	36.6 sandstone
6247	487424	83259	36.6	36.9 rock
6248	487425	83259	36.9	43 sandstone

6249	487426	83259	43	51.8 shale
6250	487427	83259	51.8	75.3 sandstone wa
6251	487428	83259	75.3	106.7 shale
6252	487429	83259	106.7	107 very red  som
6254	383046	84737	13.4	67.1 shale/sandsto
6256	383048	84738	118.9	158.5 sandstone
6257	383049	84739	0	118.9 clay/some gra
6258	383050	84739	118.9	170.7 sandstone
6259	383051	84739	170.7	176.8 shale
6260	383052	84740	0	10.7 clay/sand/grav
6261	383053	84740	10.7	15.8 silty/sand/clay
6262	383054	84740	15.8	26.8 silt/sand/grave
6263	383055	84740	26.8	91.4 silt stone
6264	383056	84741	0	117.7 clay till
6265	383057	84741	117.7	119.2 shale
6266	383058	84741	119.2	170.7 sandstone
6267	383059	84741	170.7	176.8 shale
6268	383060	84742	0	70.1 clay till
6269	383061	84742	70.1	123.4 shale/sandsto
6270	383062	84742	123.4	150.9 sp sandstone
6271	383063	84742	150.9	158.5 shale
6272	383064	84743	0	4.3 clay/gravel
6273	383065	84743	4.3	29 shale
6274	383066	84743	29	33.5 sandstone
6275	383067	84743	33.5	57.3 shale
6276	383068	84743	57.3	60.4 sandstone
6277	383069	84743	60.4	93.6 shale
6278	383070	84743	93.6	120.4 sandstone
6279	383071	84743	120.4	121.9 shale
6280	383072	84744	0	48.8 clay
6281	383073	84744	48.8	59.4 clay/some gra
6282	383074	84744	59.4	67.1 sandstone/shi
6283	383075	84745	0	7 clay/gravel
6284	383076	84745	7	36.6 shale/sandsto
6285	383077	84746	0	10.7 clay/gravel
6286	383078	84746	10.7	18.9 sandstone
6288	383080	84747	1.5	6.7 gravel/some c
6289	383081	84747	6.7	10.4 clay/some gra
6290	383082	84747	10.4	14.6 gravel/clay
6291	383083	84747	14.6	18.3 clean sand/gr
6292	385325	85207	0	6.7 sandy clay
6293	385326	85207	6.7	38.1 sand & gravel

6294	385327	85207	38.1	42.7 grey shale
6295	385328	85208	0	5.5 sandy clay
6296	385329	85208	5.5	43.3 sand & gravel
6297	385330	85208	43.3	47.2 grey shale
6298	385331	85209	0	4.9 silt & sand
6299	489021	85209	0	4.9 silt & sand
6300	385332	85209	4.9	33.5 sand & gravel
6301	489022	85209	4.9	33.5 sand & gravel
6302	52633	85762	0	5.5 clay brown
6303	52634	85762	5.5	7.6 shale, clay   b
6304	52635	85762	7.6	8.2 shale black
6305	52636	85762	8.2	12.8 shale grey fra
6306	52637	85762	12.8	19.8 shale grey fra
6307	52638	85762	19.8	20.4 siltstone grey
6308	52639	85762	20.4	22.3 shale grey
6309	385879	85763	0	15.2 clay grey
6310	385880	85763	15.2	21.3 clay grey
6311	385881	85763	21.3	21.9 shale brown
6312	385882	85763	21.9	25 shale grey fra
6313	52640	85765	0	2.4 clay, gravel   t
6314	52641	85765	2.4	6.1 sandstone br
6315	52642	85765	6.1	18.3 sandstone br
6316	52643	85765	18.3	19.8 clay, shale   b
6317	52644	85765	19.8	23.5 sandstone br
6318	385896	85767	0	25.6 clay brown
6319	385897	85767	25.6	26.8 sand, sandstc
6320	385898	85767	26.8	29.6 clay, shale   b
6321	385899	85767	29.6	32 shale brown f
6322	385909	85769	0	8.5 clay brown
6323	385910	85769	8.5	10.4 siltstone brow
6324	385911	85769	10.4	15.2 clay brown
6325	385912	85769	15.2	20.4 clay, shale   g
6326	385913	85769	20.4	20.7 rock grey frac
6327	385914	85769	20.7	25.9 shale grey fra
6328	385915	85769	25.9	27.4 shale grey
6329	385916	85771	0	6.1 clay brown
6330	385917	85771	6.1	15.2 clay grey
6331	385918	85771	15.2	21.3 shale grey fra
6332	385919	85772	0	7.6 silt, clay   brov
6333	385920	85772	7.6	20.7 gumbo clay   c
6334	385921	85772	20.7	27.4 shale grey fra
6335	489417	85774	0	7.6 silt, sand, w c

6336	489418	85774	7.6	15.2 clay grey
6337	489419	85774	15.2	28 shale grey fra
6338	385944	85776	0	8.2 silt, clay   brov
6339	385945	85776	8.2	8.8 sand with gra
6340	385946	85776	8.8	12.2 sand brown
6341	385947	85776	12.2	33.5 clay grey
6342	385948	85776	33.5	39 clay grey
6343	385949	85776	39	45.1 shale grey fra
6344	385952	85776	44.2	46 filled with hole
6345	385950	85776	45.1	45.4 rock grey
6346	385951	85776	45.4	46 rock grey frac
6347	385953	85777	0	37.8 clay grey dry
6348	385954	85777	37.8	38.4 till grey wet
6349	385955	85777	38.4	42.7 shale grey we
6351	386694	86042	6.1	36.3 clay brown
6352	386695	86042	36.3	36.9 rock grey
6359	386702	86043	0	6.1 clay brown
6360	386703	86043	6.1	22.9 clay brown
6361	386704	86043	22.9	23.8 silt, sand   bro
6362	386705	86043	23.8	26.5 clay, silt, sanc
6363	386706	86043	26.5	27.1 till brown uns
6364	386707	86043	27.1	29.6 sandstone lay
6365	386731	86050	0	9.1 clay brown
6366	386732	86050	9.1	30.5 clay & rocks s
6367	386733	86050	30.5	65.5 silty sand   bla
6368	386734	86050	65.5	73.2 silty sand   gre
6369	386735	86050	73.2	102.1 clay grey
6370	386736	86050	102.1	108.2 silty sand & rc
6371	386737	86050	108.2	109.7 broken bedroc
6372	489564	86465	0	4 clay, sand   br
6373	489565	86465	4	9.8 clay brown
6374	489566	86465	9.8	16.8 shale clay   gr
6375	388352	86474	0	16.8 sandy clay   b
6376	388353	86474	16.8	85.3 sandstone & s
6377	388357	86476	0	12.2 sandy clay   b
6378	388358	86476	12.2	24.4 silty clay   gre
6379	388359	86476	24.4	33.5 silty gravels
6380	388360	86476	33.5	36 sand, gravels
6381	388366	86479	0	15.2 clay brown
6382	388367	86479	15.2	29.9 sand, silty   br
6383	388368	86479	29.9	38.1 sand & gravel
6384	388369	86479	38.1	155.4 shale   black f

6385	388376	86482	0	7 clay brown
6386	388377	86482	7	10.7 sand, fine gra
6387	388378	86482	10.7	17.4 clay brown
6388	388379	86482	17.4	25.9 clay grey
6389	388380	86482	25.9	39.6 sandy clay   b
6390	388381	86482	39.6	48.8 sandy gravels
6391	388382	86482	48.8	50.3 shale   black €
6392	388390	86485	0	85.3 clay grey
6393	388391	86485	85.3	88.4 fine sand   bro
6394	388392	86485	88.4	91.4 fine sand, bro
6395	388425	86494	0	2.4 silty clay   bro
6396	388426	86494	2.4	48.8 silt black
6397	388427	86494	48.8	53.3 silty clay, rock
6398	388428	86494	53.3	56.4 silt, gravel   bl
6399	388429	86494	56.4	59.4 silty gravel, cl
6400	388430	86494	59.4	61 coarse gravel
6401	388435	86496	0	0.9 silty clay   bro
6402	388436	86496	0.9	48.8 silty sand   gre
6403	388437	86496	48.8	64 silty clay   gre
6404	388438	86496	64	91.4 silty gravel   g
6405	388439	86496	91.4	115.8 silty sandy cla
6406	388440	86496	115.8	118.9 fine black gra
6407	388451	86500	0	4.3 sandy clay   b
6408	388452	86500	4.3	61 shale, sandstr
6409	388458	86503	0	16.8 clay, rock ove
6410	388459	86503	16.8	18.3 weathered sh
6411	388460	86503	18.3	115.8 shale, small s
6412	388464	86505	0	7 clay, rocks   b
6413	388465	86505	7	91.4 shale, sandstr
6415	305423	86507	1.2	15.2 sand, gravel
6416	305424	86507	15.2	19.8 sand, small gr
6417	388609	86541	0	7.6 clay, rocks   g
6418	388610	86541	7.6	36.6 sandstone, sh
6419	388614	86543	0	22.9 gravely clay
6420	388615	86543	22.9	24.4 dirty gravels, s
6421	388616	86543	24.4	25 clay
6422	388622	86545	0	3 sand grey
6423	388623	86545	3	12.2 sand, gravel
6424	392921	87572	0	4.6 clay brown
6425	392922	87572	4.6	15.8 clay brown dr
6426	392923	87572	15.8	28.3 shale grey
6427	392924	87572	28.3	30.5 siltstone grey

6428	392925	87572	30.5	42.7 shale grey
6429	392926	87572	42.7	82.3 shale grey 21
6430	392927	87572	82.3	88.7 siltstone grey
6431	392928	87572	88.7	104.9 shale grey
6432	392929	87572	104.9	108.5 siltstone grey
6433	392930	87572	108.5	117.7 shale grey
6434	392931	87572	117.7	137.2 sandstone gr
6435	392933	87572	137.2	149.4 shale grey
6436	392958	87574	0	16.8 clay brown dr
6437	392959	87574	16.8	26.5 clay grey
6438	392960	87574	26.5	26.8 basalt or siltst
6440	392962	87574	35.1	48.5 sandstone gr
6441	392963	87574	48.5	48.8 basalt grey 11
6442	392964	87574	48.8	51.8 sandstone gr
6443	392965	87574	51.8	54.9 sandstone gr
6444	392966	87574	54.9	60.4 shale grey
6445	392967	87574	60.4	66.4 sandstone gr
6446	392968	87574	66.4	79.2 shale grey
6447	392969	87574	79.2	97.5 sandstone gr
6448	392970	87574	97.5	102.1 shale grey 33
6449	393287	87618	0	0.6 clay brown
6450	393288	87618	0.6	1.2 sand brown v
6451	393289	87618	1.2	6.1 sand w some
6452	393290	87618	6.1	10.1 clay grey
6453	393291	87618	10.1	11.6 clay blue/gre
6454	393292	87618	11.6	14.9 clay brown
6455	393293	87618	14.9	15.5 basalt grey 1
6456	393294	87618	15.5	17.1 sandstone bl
6457	393295	87618	17.1	18.3 shale grey
6458	393361	87626	0	1.5 clay   clay bro
6459	393362	87626	1.5	7.6 siltstone   silts
6460	393363	87626	7.6	51.5 shale   shale
6461	393364	87626	51.5	52.1 rock   rock gr
6462	393365	87626	52.1	88.7 siltstone shale
6463	393366	87626	88.7	91.4 siltstone   silts
6464	393367	87626	91.4	109.7 sandstone   sa
6465	393368	87626	109.7	167.6 siltsone shale
6466	394526	88048	0	3 sand & small i
6467	394527	88048	3	5.5 sand & fine gr
6468	394528	88048	5.5	16.8 sand & clay   c
6469	394529	88048	16.8	19.8 sandy silt   gre
6470	394530	88048	19.8	24.4 coarse sand &

6471	394750	88104	0	6.1 sandy clay   b
6472	394751	88104	6.1	33.5 sand brown
6473	394752	88104	33.5	54.9 sandy clay   g
6474	394753	88104	54.9	57.9 sand & gravel
6475	394754	88104	57.9	61 sand black
6476	394755	88105	0	21.3 dry sand & gr
6477	394756	88105	21.3	24.4 silty sand & gr
6478	394757	88105	24.4	125 silty sand   gre
6480	394759	88105	141.7	143.3 sand & gravel
6481	394766	88107	0	0.6 crush
6482	394767	88107	0.6	5.2 3/8 bentonite
6483	394768	88107	5.2	48.9 alternating 1r
6484	394773	88109	0	7.6 sandy clay   b
6485	394774	88109	7.6	24.4 silty clay   gre
6486	394775	88109	24.4	35.1 silty clay & roc
6487	394776	88109	35.1	91.4 sandstone & s
6488	394784	88111	0	9.1 silty clay   gre
6489	394785	88111	9.1	13.7 silty clay & roc
6490	394786	88111	13.7	18.3 sand & gravel
6491	394787	88112	0	0.3 crush
6492	394788	88112	0.3	6.1 3/8 bentonite
6493	394789	88112	6.1	12.2 crush
6494	394790	88112	12.2	128 alternating 1 r
6495	394874	88125	0	0.1 crush
6496	394875	88125	0.1	5.5 3/8 bentonite
6497	394876	88125	5.5	121.9 alternating 1 r
6498	395836	88338	0	2.4 organics   bro
6499	395837	88338	2.4	8.5 sand & gravel
6500	395838	88338	7.6	12.8 broken rock, s
6501	395839	88338	12.8	18.9 bedrock   gre
6507	401238	89707	0	1.2 silt sandstone
6508	401239	89707	1.2	9.1 clay grey
6509	401240	89707	9.1	24.1 shale grey h-
6510	401241	89707	24.1	24.7 granite grey f
6511	401242	89707	24.7	38.4 shale grey
6512	401243	89707	38.4	39 sandstone gr
6513	401244	89707	39	78.9 shale grey
6514	401245	89707	78.9	96.6 sandstone gr
6516	401247	89707	113.7	114.3 shale black
6517	401248	89707	114.3	124.4 shale grey
6518	401249	89707	124.4	136.6 sandstone silt
6519	401250	89707	136.6	143.3 shale grey

6520	401924	89897	0	24.4	gravelly clay
6521	401925	89897	24.4	57.9	clay
6522	401926	89897	57.9	65.5	silt & sand
6523	401927	89897	65.5	67.4	sand with chu
6524	401928	89897	67.4	68.3	sandstone
6525	401929	89898	0	5.2	clay
6526	401931	89898	4.9	6.1	80 gal cavity f
6527	401930	89898	5.2	7.6	sandstone & l
6528	402613	90191	0	12.2	clay brown
6529	402614	90191	12.2	17.1	clay grey
6530	402615	90191	17.1	18.3	shale w thin s
6531	402616	90191	18.3	37.5	shale grey
6532	402617	90191	37.5	37.8	sandstone gr
6533	402618	90191	37.8	39.6	shale grey
6534	402619	90192	0	1.8	sand brown
6535	402620	90192	1.8	9.4	clay brown
6536	402621	90192	9.4	10.4	sand brown
6537	402622	90192	10.4	12.8	sandstone br
6538	54724	90193	0	4.3	clay grey
6539	54725	90193	4.3	9.1	clay - sandsto
6540	54726	90193	9.1	16.2	clay grey
6541	54727	90193	16.2	20.1	shale grey 1:
6542	54728	90193	20.1	25.9	shale grey
6543	405961	91547	0	1.5	clay brown
6544	405962	91547	1.5	12.2	brown grey.
6545	405963	91547	12.2	65.5	shale grey le:
6546	405964	91547	65.5	70.1	clay shale.   g
6547	405965	91547	70.1	128	grey black.   s
6548	405975	91553	0	7.6	clay brown
6549	405976	91553	7.6	14	siltstone brow
6550	405977	91553	14	21.3	silt brown
6551	405978	91553	21.3	61.3	clay brown
6552	405979	91553	61.3	76.8	shale grey 1C
6553	55978	91558	0	1.2	clay brown
6554	55979	91558	1.2	4.6	siltstone brow
6555	55980	91558	4.6	9.1	medium-hard,
6556	55981	91558	9.1	21	clay shale.   g
6557	55982	91558	21	29.9	hard soft siltst
6558	55983	91558	29.9	87.8	shale grey 14
6559	55984	91558	87.8	117	hard-medium.
6560	55985	91558	117	137.2	grey-black.   s
6561	55986	91558	137.2	140.2	siltstone grey



6562	55987	91558	140.2	149 medium-soft.
6563	55988	91558	149	149.7 shale black
6564	55989	91558	149.7	154.5 black-grey.   s
6565	55990	91561	0	0.5 grey, brown.
6566	55991	91561	0.5	4.9 siltstone brov
6567	55992	91561	4.9	29 brown, grey.
6568	55993	91561	29	40.2 clay brown
6569	55994	91561	40.2	43 clay brown
6570	55995	91561	43	44.5 sandstone br
6571	55996	91561	44.5	44.8 shale grey
6572	406020	91567	0	6.1 clay brown at
6573	406021	91567	6.1	8.5 clay grey
6574	406022	91567	8.5	9.8 siltstone grey
6575	406023	91567	9.8	12.8 clay grey
6576	406024	91567	12.8	18.6 shale grey at
6577	406025	91567	18.6	21 siltstone grey
6578	406026	91567	21	21.3 sandstone gr
6579	56001	91569	0	0.6 sand brown
6580	56002	91569	0.6	11.6 clay brown
6581	56003	91569	11.6	13.7 till grey wet
6582	56004	91569	13.7	33.5 shale grey 85
6583	406033	91571	0	14.9 clay grey
6584	406034	91571	14.9	16.8 sandstone gr
6585	406035	91571	16.8	20.4 shale grey tri
6586	406036	91571	20.4	39.9 shale grey oc
6588	406042	91573	5.5	11.6 clay sandy bro
6589	406043	91573	11.6	12.2 rock grey
6590	406044	91573	12.2	16.8 clay grey ver
6591	406045	91573	16.8	22.3 shale grey ve
6592	409230	92378	0	36.6 sand & clay &
6593	409231	92378	36.6	43.6 mud   blue
6594	409232	92378	43.6	45.1 gravel & clay
6595	409233	92378	45.1	85.3 sand & clay
6596	409234	92379	0	32 gravel
6597	409235	92379	32	42.7 sand & clay
6598	409236	92379	42.7	43.6 sand & clay
6599	409237	92379	43.6	114.3 blue clay & sc
6600	409238	92380	0	32 gravel & sand
6601	409239	92380	32	36.9 clay & gravel
6602	409240	92380	36.9	38.7 sand & gravel
6606	56619	92485	0	4.6 clay brown
6607	56620	92485	4.6	11.6 shale grey

6608	56621	92485	11.6	48.8 shale bedrock
6609	309017	92497	0	0.5 topsoil
6610	309018	92497	0.5	1.7 peaty soil
6611	309019	92497	1.7	3 clay
6612	309020	92497	3	6.1 shale brown
6613	309021	92497	6.1	7.9 gravel water-t
6614	309022	92497	7.9	14 clay
6615	411210	93574	0	9.1 clay
6616	411211	93574	9.1	13.4 clay sandy
6617	411212	93574	13.4	14.9 sand 0.5 gp
6618	411213	93574	14.9	70.1 clay
6619	411214	93574	70.1	77.7 sand sluffing
6620	411215	93574	77.7	91.4 shale
6621	411216	93576	0	8.2 clay
6622	411217	93576	8.2	18.3 sandstone cl
6623	411218	93576	18.3	30.5 shale fractur
6624	59089	93577	0	1.8 clay
6625	59090	93577	1.8	3.4 sandstone   cl
6626	59091	93577	3.4	4.3 hard rock   fra
6627	59092	93577	4.3	10.7 sandstone
6628	59093	93577	10.7	14 shale
6629	59094	93577	14	16.5 sandstone
6630	59095	93577	16.5	21.3 shale fractur
6631	59100	93579	0	4.9 clay
6632	59101	93579	4.9	8.5 shale
6633	59102	93579	8.5	10.7 sandstone
6634	59106	93579	10.7	12.2 water-bearing
6635	59103	93579	12.2	40.5 shale
6636	59104	93579	40.5	41.5 shale sandy
6637	59105	93579	41.5	64.9 shale
6638	59107	93580	0	14.3 clay sandy
6639	59108	93580	14.3	27.4 shale water
6641	311039	93582	9.1	12.8 clay
6642	311040	93582	12.8	15.2 clay
6643	311041	93582	15.2	35.1 clay tapering
6644	311042	93582	35.1	54.9 clay
6645	311043	93582	54.9	59.4 gravel   clay
6646	311044	93582	59.4	64 clay
6647	311045	93582	64	68.6 silt & sand   cl
6648	311046	93582	68.6	70.1 clay
6649	411219	93583	0	6.1 clay
6650	411220	93583	6.1	39.6 clay

6651	411221	93583	39.6	43.6 clay
6652	411222	93583	43.6	47.9 clay layers   s
6653	411223	93583	47.9	51.2 sandstone
6654	411224	93583	51.2	51.8 shale
6655	411225	93586	0	6.7 rocky   clay
6656	411226	93586	6.7	7 boulders
6657	411227	93586	7	18.3 sandstone
6658	411228	93586	18.3	21.6 shale
6659	59111	93588	0	1.2 silt
6660	59112	93588	1.2	3.8 clay
6661	59113	93588	3.8	6.7 rock layers
6662	59114	93588	6.7	10.4 shale   clay
6663	59115	93588	10.4	36.6 shale
6664	59116	93589	0	18.3 clay
6665	59117	93589	18.3	24.4 shale
6666	59118	93589	24.4	25.6 sandstone
6667	59119	93589	25.6	31.4 shale
6668	59120	93591	0	9.1 shale   clay
6669	59121	93591	9.1	16.8 shale
6670	59122	93591	16.8	22.3 shale sandy
6671	59123	93591	22.3	27.7 shale mikly
6672	411294	93671	0	6.1 sealant
6673	411295	93671	6.1	15.2 backfill materi
6674	411296	93671	15.2	16.8 sealant
6675	411297	93671	16.8	25.9 backfill materi
6676	411298	93671	25.9	27.4 sealant
6677	411299	93671	27.4	29 backfill materi
6678	411300	93671	29	38.1 sealant
6679	411301	93671	38.1	44.2 backfill materi
6680	411302	93671	44.2	45.7 sealant
6681	411303	93671	45.7	47.2 backfill materi
6682	411304	93671	47.2	62.5 sealant
6683	411305	93671	62.5	68.6 backfill materi
6684	411306	93671	68.6	70.1 sealant
6687	412024	94043	0	10.7 sand & gravel
6688	412025	94043	10.7	53.3 silts & clays
6689	412026	94043	53.3	58.8 silts & sands
6690	412027	94043	58.8	74.7 fine to mediur
6691	412028	94043	74.7	83.8 sand & some
6692	412029	94043	83.8	88.4 silts, sands &
6693	412030	94043	88.4	94.5 sands & grave
6694	412031	94043	94.5	99.1 silt & gravel

6695	412032	94043	99.1	101.2 sand & gravel
6696	412033	94043	101.2	106.7 silt & some gr
6697	412034	94043	106.7	129.8 sand & gravel
6698	412035	94043	129.8	133.5 sand, gravel &
6699	412036	94043	133.5	134.7 sands & silts
6700	412037	94043	134.7	138.7 gravel with sa
6701	59344	94052	0	7.6 silt   brown
6702	59345	94052	7.6	17.1 clay   brown
6703	59346	94052	17.1	170.7 sandstone wit
6704	59347	94054	0	4.3 silt   brown
6705	59348	94054	4.3	7.6 clay   brown w
6706	59349	94054	7.6	170.7 sandstone wit
6709	59352	94055	7.6	166.1 sandstone wit
6710	59353	94063	0	0.9 bedrock
6711	59354	94063	0.9	16.8 ss hard fine
6712	59355	94063	16.8	18.3 coal seam
6713	59356	94063	18.3	21.3 fractured ss
6714	59357	94063	21.3	115.8 ss with some
6715	59768	94414	0	4.3 clay silty
6716	59769	94414	4.3	24.4 sandstone finc
6717	59770	94414	24.4	25.9 sandstone finc
6718	59771	94414	25.9	31.4 shale grey
6719	59772	94414	31.4	32.6 sandstone gr
6720	59773	94414	32.6	35.1 sandstone finc
6721	59774	94414	35.1	37.5 shale grey
6722	311944	94575	0	4.6 overburden
6723	311945	94575	4.6	15.2 shale
6724	311946	94575	15.2	16.8 sandstone
6725	311947	94575	16.8	18.3 sandstone s:
6726	311948	94575	18.3	19.8 shale
6727	311949	94575	19.8	24.4 sandstone
6728	311950	94575	24.4	25.9 shale
6729	311951	94575	25.9	33.5 sandstone
6730	311952	94575	33.5	48.8 shale 2 gpr
6731	311953	94575	48.8	54.9 sandstone
6732	311954	94575	54.9	64 shale
6733	311955	94575	64	67.1 sandstone
6734	311956	94575	67.1	79.2 shale 10 gpr
6735	311957	94575	79.2	85.3 sandstone
6736	311958	94575	85.3	91.4 conglomerate
6737	311959	94575	91.4	112.8 shale
6738	311960	94575	112.8	117.3 sandstone

6739	311961	94575	117.3	128 shale
6740	60202	94576	0	3.7 clay & rocks
6741	60203	94576	3.7	5.5 eroded bedro
6742	60204	94576	5.5	24.4 mudstone
6743	60205	94576	24.4	36.6 sandstone
6744	60206	94576	36.6	47.2 mudstone
6745	60207	94576	47.2	57.9 sandstone
6746	60208	94576	57.9	82.3 mudstone
6747	60209	94576	82.3	91.4 sandstone
6748	60210	94576	91.4	115.8 mudstone with
6750	312450	94934	0	17.4 overburden
6751	312451	94934	17.4	18 gravel coarse
6752	312452	94934	18	18.6 gravel cemen
6753	312453	94934	18.6	24.7 sand with gra
6754	312454	94934	24.7	26.5 sand with gra
6755	312455	94934	26.5	27.1 gravel cemen
6756	312569	95044	0	24.4 sand & gravel
6757	312570	95044	24.4	33.5 sand & gravel
6758	312571	95044	33.5	106.7 silt grey
6759	312572	95044	106.7	112.8 sand & gravel
6760	312573	95045	0	6.1 sand silty bro
6761	312574	95045	6.1	15.2 silt sandy grey
6762	312575	95045	15.2	27.4 sand silty grey
6763	312576	95045	27.4	30.5 sand & gravel
6764	413410	95115	0	2.4 pit for root cel
6765	413411	95115	2.4	7 bentonite
6766	413412	95115	7	9.1 3/8 gravel
6767	413413	95115	9.1	10.1 bentonite
6768	413414	95115	10.1	16.2 gravel
6769	413415	95115	16.2	17.1 bentonite
6770	413416	95115	17.1	23.2 gravel
6771	413417	95115	23.2	24.1 bentonite
6772	413418	95115	24.1	30.5 gravel
6773	62088	95422	0	18.3 clay
6774	62089	95422	18.3	30.5 clay with pebt
6775	62090	95422	30.5	42.7 shale
6776	62091	95422	42.7	45.7 ss
6777	62092	95422	45.7	48.8 shale
6778	62093	95423	0	1.5 till, clay, sand
6779	62094	95423	1.5	3.7 shale grey
6780	62095	95423	3.7	5.2 shale black
6781	62096	95423	5.2	11.3 shale black

6782	62097	95423	11.3	12.2	dirty ss   fine c
6783	62098	95423	12.2	22.3	shale black
6784	62099	95423	22.3	47.2	shale & ss lay
6785	62100	95423	47.2	57.9	ss   medium g
6786	62285	95499	0	23.2	sand brown
6787	62286	95499	23.2	36	clay sandy gre
6788	62287	95499	36	36.3	gravel
6789	62288	95499	36.3	46.3	clay grey
6790	62289	95499	46.3	70.4	shale grey
6791	62290	95499	70.4	70.7	shale fracture
6792	62291	95499	70.7	78	shale grey
6793	62292	95499	78	78.9	sandstone bl
6794	62293	95499	78.9	79.6	sandstone gr
6795	62294	95499	79.6	82.3	shale grey
6796	62295	95499	82.3	84.1	sandstone gr
6797	62296	95499	84.1	84.4	shale grey
6798	62297	95499	84.4	85	sandstone gr
6799	62298	95499	85	86.3	shale grey
6800	62299	95499	86.3	88.7	sandstone gr
6801	62300	95499	88.7	92.7	shale grey
6802	62301	95499	92.7	93.3	sandstone gr
6803	62302	95499	93.3	116.4	shale grey
6804	62303	95499	116.4	116.7	sandstone gr
6805	62304	95499	116.7	152.4	shale grey
6806	313874	95812	0	6.1	clay silty grey
6807	313875	95812	6.1	85.3	clay silty grey
6808	313876	95812	85.3	131.1	clay sandy gre
6809	313877	95812	131.1	134.1	sand silty blac
6810	313878	95812	134.1	140.2	sand silty blac
6811	313879	95815	0	3	fill
6812	313880	95815	3	4.6	gravel & silty s
6813	313881	95815	4.6	6.1	sand silty
6814	313882	95815	6.1	7.6	gravel & silt   l
6815	313883	95815	7.6	11.6	gravel & trace
6816	313884	95815	11.6	13.7	silt grey
6817	63360	95818	0	3	clay sandy gre
6818	63361	95818	3	16.8	clay silty grey
6819	63362	95818	16.8	73.2	sandstone & s
6820	67058	97246	0	21.3	clay till with pe
6821	67059	97246	21.3	30.5	fine medium s
6822	67060	97254	0	2.1	overburden b
6823	67061	97254	2.1	24.4	sandstone br

6824	67062	97254	24.4	33.5 shale grey fra
6825	67063	97254	33.5	42.7 sandstone gr
6826	67559	97458	0	4.9 slightly sandy
6827	67560	97458	4.9	7.6 sandstone br
6828	67561	97458	7.6	12.2 shale grey
6829	67562	97458	12.2	22.9 sandstone co
6830	67563	97458	22.9	25.9 shale black
6831	67564	97458	25.9	54.9 hard lenses   :
6832	67565	97458	54.9	59.4 shale black
6833	68500	97679	0	38.1 sandy till mair
6834	68501	97679	38.1	42.7 sandstone & s
6835	68519	97690	0	12.2 till sandy clay
6836	68520	97690	12.2	15.2 sandstone va
6837	68521	97690	15.2	23.8 shale grey
6838	68522	97690	23.8	24.4 sandstone br
6839	68528	97693	0	5.5 till sandy grey
6840	68529	97693	5.5	15.2 shale black
6841	68530	97693	15.2	18.3 sandstone gr
6842	68531	97693	18.3	21.3 shale grey
6843	68532	97693	21.3	24.4 sandstone co
6844	68533	97693	24.4	29 sandstone gr
6845	317289	97737	0	22.9 gravel silty bla
6846	317290	97737	7.6	9.8 gravel, silts   c
6847	317302	97739	0	9.8 gravel silty bla
6848	317303	97739	9.8	11.3 gravel, silts   c
6849	317304	97739	11.3	11.6 silt grey
6850	317305	97741	0	9.1 gravel silty bla
6851	317306	97741	9.1	11.3 gravel black
6852	317307	97741	11.3	11.6 silt grey
6853	317308	97742	0	6.7 silt, large grav
6854	317309	97742	6.7	8.5 gravel coarse
6855	317310	97742	8.5	10.7 silt black
6856	317311	97743	0	7.9 gravel coarse
6857	317312	97743	7.9	10.1 gravel coarse
6858	317313	97743	10.1	10.7 silt black
6859	317321	97745	0	0.6 clay silty brow
6860	317322	97745	0.6	9.1 gravel silty bla
6861	317323	97745	9.1	13.1 gravel coarse
6862	317324	97745	13.1	13.7 gravel silty gre
6864	69640	98194	1.8	5.2 sandstone br
6865	69641	98194	5.2	54.9 shale grey
6866	69642	98194	54.9	70.1 sandstone gr

6867	69643	98194	70.1	115.8 shale brown
6868	69644	98194	115.8	150.9 sandstone gr
6869	69645	98194	150.9	161.5 shale vari-col
6870	69646	98194	161.5	207.3 sandstone
6871	69647	98194	207.3	219.5 shale
6872	69648	98194	219.5	243.8 sandstone
6874	69659	98197	3	6.7 sandstone
6875	69660	98197	6.7	59.1 shale cole
6876	69661	98197	59.1	73.5 sandstone
6877	69662	98197	73.5	120.1 shale brown
6878	69663	98197	120.1	151.5 shale
6879	69664	98197	151.5	165.2 sandstone
6880	69665	98197	165.2	207.3 shale
6881	69666	98197	207.3	219.5 sandstone
6906	114620	98279	0	0.3 gravel clay, br
6907	114621	98279	0.3	2.4 clay brown
6908	114622	98279	2.4	2.7 boulders vari-
6909	114623	98279	2.7	4.6 clay brown
6910	114624	98279	4.6	7.3 silt sand, brov
6911	114625	98279	7.3	15.2 clay grey
6912	114626	98279	15.2	22.6 clay vari-colo
6913	114627	98279	22.6	30.5 shale grey fra
6914	114628	98279	30.5	36.6 shale grey fr
6915	69929	98294	0	15.2 till with clay
6916	69930	98294	15.2	18.3 shale very di
6917	69931	98294	18.3	21.3 ss   brown
6918	69932	98294	21.3	29 shale
6919	69933	98294	29	30.2 ss   yellow
6920	69934	98294	30.2	33.2 ss   grey
6921	69935	98294	33.2	36.6 shale gray be
6922	69936	98294	36.6	42.1 ss   59%
6923	69937	98294	42.1	48.2 shale
6924	69938	98294	48.2	55.8 ss
6925	69939	98294	55.8	57.3 ss
6926	69940	98294	57.3	64 shale
6927	69941	98294	64	64.9 ss
6928	69942	98294	64.9	66.4 shale
6929	416343	98300	0	63.4 clay
6930	416344	98300	63.4	64 boulders 20
6931	416385	98314	0	11.6 clay brown
6932	416386	98314	11.6	11.9 sand w/ grave
6933	416387	98314	11.9	24.4 clay brown



6934	416388	98314	24.4	79.2 clay grey
6935	416389	98314	79.2	85.3 silt & sand   br
6936	416390	98314	85.3	92 clay grey
6937	416391	98314	92	99.4 silt & sand   gr
6938	416392	98314	99.4	106.7 shale sandy g
6939	416393	98314	106.7	109.4 shale sandy g
6942	69996	98318	4.9	63.7 shale silty gre
6943	69997	98318	63.7	68.6 shale with grit
6944	69998	98318	68.6	69.8 grey ss fine di
6945	69999	98318	69.8	76.5 fine grey ss
6946	70000	98318	76.5	121.9 grey shale wit
6947	70001	98318	121.9	128.6 fine grey ss fr
6948	70002	98318	128.6	176.8 grey shale & f
6949	70003	98318	176.8	187.5 vari-coloured
6950	70004	98320	0	18.9 clay brown
6951	70005	98320	18.9	19.2 sandstone gr
6952	70006	98320	19.2	24.4 sandstone fra
6953	70007	98323	0	16.8 clay silty grey
6954	70008	98323	16.8	53.3 shale grey sn
6955	70019	98327	0	7.6 clay black br
6956	70020	98327	7.6	29.9 clay vari-colo
6957	70021	98327	29.9	58.8 clay grey har
6958	70022	98327	58.8	60 silt grey w, he
6959	70023	98327	60	65.5 clay grey
6960	70024	98327	65.5	80.8 silt sand   gre
6961	70025	98327	80.8	85 clay grey hea
6962	70026	98327	85	85.3 silt clay   grey
6963	70027	98327	85.3	94.5 clay grey
6964	70028	98327	94.5	98.1 alternating co
6965	70029	98327	98.1	104.9 shale fracture
6966	70041	98330	0	6.1 clay with pebk
6967	70042	98330	6.1	24.4 clay
6968	70043	98330	24.4	27.4 clay with grav
6969	70044	98330	27.4	45.7 shale
6970	70045	98330	45.7	48.8 ss (water) 25
6971	70046	98330	48.8	51.8 shale
6972	416421	98335	0	6.1 silt clay   brow
6973	416422	98335	6.1	15.2 clay brown h
6974	416423	98335	15.2	29.9 clay brown
6975	416424	98335	29.9	39.6 clay
6976	416425	98335	39.6	48.2 conglomerate
6977	416426	98335	48.2	48.8 sandstone br

6978	416427	98335	48.8	53.3 sandstone fra
6979	70067	98336	0	3 broken rock fil
6980	70068	98336	3	6.1 broken bed ro
6981	70070	98336	4.9	51.8 conglomerate
6982	70069	98336	6.1	48.8 shale black n
6983	70071	98336	54.9	59.4 sandstone dir
6984	70072	98336	59.4	60.4 shale black c
6985	70073	98336	60.4	67.4 black shale wi
6986	70074	98336	67.4	82.3 conglomerate
6987	70075	98336	83.2	83.8 fine grey dark
6988	70076	98336	83.8	146.3 shale black fr
6989	70090	98339	0	5.2 silt brown
6990	70091	98339	5.2	5.8 siltstone brov
6991	70092	98339	5.8	12.2 siltstone brov
6992	70093	98339	12.2	17.4 sandstone fra
6993	70094	98339	17.4	34.1 shale grey 1C
6994	70096	98342	0	9.1 glacial till
6995	70097	98342	9.1	12.2 vari-coloured
6996	70098	98342	12.2	24.4 shale & s.s. la
6997	70099	98342	24.4	29 vari-coloured
6998	70100	98342	29	65.5 shale black
6999	70101	98342	65.5	71.6 grey s.s. 15 g
7000	70102	98342	71.6	73.2 shale black
7001	70103	98342	73.2	80.8 coarse grey s
7002	70104	98342	80.8	86.9 shale black
7003	70109	98345	0	6.1 overburden
7004	70110	98345	6.1	13.7 shale little wa
7005	70111	98345	13.7	19.8 shale
7006	70112	98345	19.8	25.9 ss water 5 usq
7007	70113	98345	25.9	29.6 shale
7008	70114	98345	29.6	48.8 shale
7009	70115	98345	48.8	50.3 frotion ss
7010	70116	98345	50.3	71.6 ss
7011	70117	98345	71.6	73.2 coal
7012	70118	98345	73.2	79.2 ss
7013	70119	98345	79.2	88.4 conglomerate
7014	70120	98345	88.4	103.6 shale lot wat
7015	70124	98347	0	5.5 silt brown
7016	70125	98347	5.5	23.2 clay brown
7017	70126	98347	23.2	23.8 sandstone br
7018	70127	98347	23.8	33.8 sandstone br
7019	70128	98347	33.8	34.7 sandstone br

7020	70129	98347	34.7	39.6 sandstone br
7021	70130	98347	39.6	42.4 shale grey
7022	70131	98347	42.4	43.3 sandstone br
7023	70132	98347	43.3	53.3 shale grey tri
7024	70133	98347	53.3	63.4 siltstone grey
7025	70134	98347	63.4	65.7 shale grey
7026	70137	98350	0	9.1 glacial till   gre
7027	70138	98350	9.1	12.8 sandstone va
7028	70139	98350	12.8	13.7 grey fine dirty
7029	70140	98350	13.7	18.3 shale black
7030	70141	98350	18.3	21.3 grey fine dirty
7031	70142	98350	21.3	25 shale vari-col
7032	70143	98350	25	29 sandstone va
7033	70144	98350	29	43.3 shale black s
7034	70145	98350	43.3	65.5 shale black
7035	70146	98350	65.5	71.6 grey s.s. med
7036	70147	98350	71.6	73.2 shale black
7037	70148	98350	73.2	80.8 coarse s.s.
7038	70149	98350	80.8	95.4 shale
7039	70150	98351	0	9.4 clay brown
7040	70151	98351	9.4	15.5 clay conglome
7041	70152	98351	15.5	16.8 basalt fracture
7042	70153	98351	16.8	19.2 sandstone br
7043	70154	98351	19.2	42.7 shale grey 0.
7044	416433	98353	0	15.2 clay brown
7045	416434	98353	15.2	25.3 clay brown
7046	416435	98353	25.3	26.5 basalt grey di
7047	416436	98353	26.5	61.6 clay vari-colo
7048	416437	98353	61.6	61.9 rock grey dry
7049	416438	98353	61.9	70.1 siltstone brow
7050	416439	98353	70.1	76.2 shale grey tri
7051	416440	98353	76.2	91.4 siltstone vari-
7052	416441	98353	91.4	125 shale grey ha
7053	416442	98355	0	8.5 clay vari-colo
7054	416443	98355	8.5	36.6 clay shale   gr
7055	318830	98359	0	20.4 clay brown
7056	318831	98359	20.4	36.6 silt brown
7081	416549	98537	4.6	15.2 shale
7057	318832	98359	36.6	41.8 sand silt   vari
7058	318833	98359	41.8	46 sand clean gr
7059	318834	98359	46	49.4 silt grey w
7060	318835	98359	49.4	51.8 silt grey

7061	70155	98361	0	5.2 clay brown
7062	70156	98361	5.2	6.7 clay with bould
7063	70157	98361	6.7	9.1 clay brown
7065	70169	98363	0	49.7 clay brown
7066	70170	98363	49.7	54.9 silt sand   grey
7067	70171	98363	54.9	58.8 clay vari-color
7068	70172	98363	58.8	75.3 alternate betw
7069	70173	98363	75.3	77.1 shale clay   gr
7070	70174	98363	77.1	84.1 alternate cong
7071	70175	98363	84.1	88.4 shale fracture
7072	70181	98366	0	5.5 clay brown
7073	70182	98366	5.5	7.6 clay w/ boulder
7074	70183	98366	7.6	14.6 clay brown
7075	70184	98366	14.6	17.7 sandstone gr
7076	70185	98366	17.7	25.3 siltstone shale
7077	70186	98366	25.3	28.3 sandstone gr
7078	70187	98366	28.3	30.2 sandstone gr
7079	70188	98366	30.2	32 shale grey
7080	416548	98537	0	4.6 over burden
7082	416550	98537	15.2	16.8 ss
7083	416551	98537	16.8	18.3 black ss
7084	416552	98537	18.3	19.8 shale
7085	416553	98537	19.8	24.4 ss
7086	416554	98537	24.4	25.9 shale
7087	416555	98537	25.9	33.5 ss
7088	416556	98537	33.5	48.8 shale water :
7089	416557	98537	48.8	54.9 ss
7090	416558	98537	54.9	64 shale
7091	416559	98537	64	67.1 ss
7092	416560	98537	67.1	73.2 shale 10 gp
7093	416561	98537	73.2	85.3 ss
7094	416562	98537	85.3	91.4 conglomerate
7095	416563	98537	91.4	112.8 shale
7096	416564	98537	112.8	117.3 ss
7097	416565	98537	117.3	128 shale
7098	416566	98541	0	2.1 clay till   grey
7099	416567	98541	2.1	26.8 grey shale wit
7100	416568	98541	26.8	35.1 grey ww with i
7101	416571	98547	0	3 till pebbles   g
7102	416572	98547	3	4.6 shale grey
7103	416573	98547	4.6	6.1 ss dirty grey
7104	416574	98547	6.1	12.2 grey silty shal

7105	416575	98547	12.2	24.4 grey silty shal
7106	416576	98547	24.4	24.7 grey ss 2 gpr
7107	416577	98547	24.7	53.3 black shale wi
7108	416578	98549	0	54.9 clay
7109	416579	98549	54.9	85.3 shale fracture
7110	416580	98549	85.3	91.4 grey ss
7111	416581	98550	0	3.7 gravely clay
7112	416582	98550	3.7	35.1 grey silty ss
7113	416583	98550	35.1	44.2 shale black
7114	416584	98550	44.2	94.5 grey silty ss
7115	416585	98550	94.5	103.6 grey ss 3.5 gp
7116	417124	98827	0	1.5 clay brown dr
7117	417125	98827	1.5	4.9 sand fine-mec
7118	417126	98827	4.9	6.1 silt light-colou
7119	319742	98831	0	41.5 clay & sand w
7120	319743	98831	41.5	64 sand with clay
7121	319744	98831	64	79.9 sand med-coe
7122	319745	98831	79.9	86.9 till dark-colour
7157	417950	99280	0	2.4 silt dark-colou
7123	319746	98831	86.9	140.2 clay dark-colo
7124	319747	98831	140.2	152.4 till dark-colour
7125	319748	98831	152.4	155.4 sand with gra'
7126	70947	98832	0	14.6 clay light-colo
7127	70948	98832	14.6	87.8 till light-colour
7128	70949	98832	87.8	89.6 sand with clay
7129	70950	98832	89.6	100.3 clay light-colo
7130	70951	98832	100.3	158.5 siltstone/shale
7131	70952	98844	0	30.5 clay light-colo
7132	70953	98844	30.5	61 sand with clay
7133	70954	98844	61	121.9 siltstone/shale
7136	417440	99003	12.2	31.4 clay gravel mi
7137	417441	99003	31.4	32.6 rock
7138	417442	99003	32.6	35.7 sandstone br
7139	71105	99010	0	19.5 clay
7140	71106	99010	19.5	24.4 sandstone br
7141	71107	99010	24.4	25.9 sandstone br
7142	71108	99010	25.9	34.1 sandstone br
7143	71109	99010	34.1	41.5 rock
7144	71110	99010	41.5	44.5 sandstone bli
7145	71111	99010	44.5	46 milky shale
7146	71209	99112	0	3 sand with clay
7147	71210	99112	3	33.5 clay light-colo

7148	71211	99112	33.5	73.2 sand with clay
7149	71212	99112	73.2	85.3 sandstone br
7150	71213	99121	0	3.7 till light-colour
7151	71214	99121	3.7	5.5 siltstone shale
7152	71215	99121	5.5	121.9 siltstone shale
7153	71216	99122	0	3.7 till light-colour
7154	71217	99122	3.7	121.9 siltstone shale
7155	71218	99127	0	3.7 till light-colour
7156	71219	99127	3.7	44.2 volcanic light-
7158	417951	99280	2.4	4.9 sand w gravel
7159	417952	99280	4.9	79.2 silt light-colou
7160	417953	99280	79.2	121.9 clay light-colo
7161	417954	99280	121.9	152.4 sand w clay/si
7162	417959	99285	0	1.5 silt brown dry
7163	417960	99285	1.5	3 sand w clay/si
7164	417961	99285	3	6.1 fine-med sanc
7167	71439	99301	19.8	24.4 sandstone g
7169	418150	99523	0	9.1 clay
7170	418151	99523	9.1	10.7 sand
7171	418152	99523	10.7	41.5 clay
7172	418153	99523	41.5	44.2 shale water s
7173	71676	99527	0	6.7 clay
7174	71677	99527	6.7	42.7 shade   sands
7175	418159	99531	0	3.7 gumbo clay
7176	418160	99531	3.7	29.3 clay
7177	418161	99531	29.3	36.6 gravel & sand
7178	418162	99531	36.6	75.6 shale
7179	418163	99531	75.6	77.7 sandstone
7180	418164	99531	77.7	81.7 sandy shale
7181	418165	99531	81.7	92 sandstone
7182	418166	99531	92	96 shale swl 27
7183	418167	99531	96	98.5 sandstone
7184	418168	99531	98.5	106.7 shale swl 27
7185	71686	99537	0	9.1 clay
7186	71687	99537	9.1	20.1 shale swl 23
7187	71694	99543	0	7.6 coarse sand c
7188	71695	99543	7.6	18.3 clay brown
7189	71696	99543	18.3	25 clay brown w
7190	71697	99543	25	27.4 sandstone ligh
7191	71698	99543	27.4	31.7 shale black
7192	71699	99543	31.7	33.5 sandstone va
7193	71700	99543	33.5	91.4 shale black r

7194	71701	99543	91.4	98.8 sandstone va
7195	71702	99543	98.8	137.2 shale black r
7196	71703	99543	137.2	146.3 sandstone va
7197	418186	99544	0	4.6 clay
7198	418187	99544	4.6	7.6 sandy clay
7199	418188	99544	7.6	24.4 gumbo clay   g
7200	418189	99544	24.4	32.9 sandy shale
7201	418191	99544	32.9	99.1 shale grey sv
7202	418202	99544	99.1	106.7 shale   shale
7203	418203	99544	106.7	109.7 siltstone shale
7204	418204	99544	109.7	147.2 shale   shale
7205	71766	99580	0	9.1 coarse sand v
7206	71767	99580	9.1	13.1 coarse sand v
7207	71768	99580	13.1	15.2 coarse sand v
7208	71769	99580	15.2	17.7 clay with fine :
7209	71770	99580	17.7	19.5 crystalline with
7210	71771	99580	19.5	38.1 shale with oth
7211	71772	99580	38.1	39.6 sandstone wit
7212	71773	99580	39.6	51.2 shale with oth
7213	71774	99580	51.2	61 sandstone wit
7214	71795	99591	0	8.2 with till   clay
7215	71796	99591	8.2	8.8 gravel black r
7216	71797	99591	8.8	15.8 with other sur
7217	71798	99591	15.8	42.7 and shale   sa
7218	71827	99616	0	12.2 clay
7219	71828	99616	12.2	15.2 sandstone
7220	71829	99616	15.2	20.1 clay
7221	71830	99616	20.1	50.9 sandstone
7222	71831	99616	50.9	51.8 rock
7223	71832	99616	51.8	80.2 sandstone w
7224	71833	99616	80.2	82.3 shale
7225	421588	100550	0	25.9 clay
7226	421589	100550	25.9	30.5 clay & sand
7227	421590	100550	30.5	47.2 clay a few sto
7228	421591	100550	47.2	48.8 rock
7229	72610	101451	0	12.2 clay with some
7230	72611	101451	12.2	18.3 shale water :
7231	322924	101454	0	10.1 silt & sand
7232	322925	101454	10.1	14.6 gravel & sand
7233	425839	101557	0	4.6 clay
7234	425840	101557	4.6	13.4 shale water :
7235	425841	101557	13.4	13.7 sandstone

7236	425842	101557	13.7	15.2 shale
7237	425843	101557	15.2	16.8 sandstone
7239	425860	101564	0.6	12.8 sands & grave
7240	425873	101569	0	4.6 clay sandy
7241	425874	101569	4.6	10.7 very   sandy
7242	425875	101569	10.7	22.9 clay sandy
7243	425876	101569	22.9	37.2 clay
7244	425877	101569	37.2	39.3 water   sandst
7245	425878	101572	0	0.9 clay
7246	425879	101572	0.9	1.2 gravel
7247	425880	101572	1.2	6.7 clay
7248	425881	101572	6.7	22.9 gravel   clay
7249	425882	101572	22.9	30.5 w/a little grave
7250	425883	101572	30.5	32 w/more grave
7251	425884	101572	32	61 clay dry hole
7254	425887	101574	33.5	91.4 shale black
7255	72733	101577	0	13.4 clay
7256	72734	101577	13.4	15.5 water   shale
7257	425906	101578	0	27.4 till & clay with
7258	425907	101578	27.4	182.9 semi fracturec
7259	425908	101580	0	25.6 very sticky   cl
7260	323036	101583	0	10.4 w/touch grave
7261	323037	101583	10.4	16.8 mixture of clay
7262	425909	101585	0	3.7 till clay & pebl
7263	425910	101585	3.7	5.5 silt
7264	425911	101585	5.5	9.1 sand silty
7265	425912	101585	9.1	15.2 clay & till grav
7266	425913	101585	15.2	45.7 shale fracture
7267	425914	101585	45.7	48.8 s.s fractured
7268	425915	101588	0	1.2 clay
7269	425916	101588	1.2	3 sand
7270	425917	101588	3	6.7 sandstone
7271	425918	101588	6.7	12.2 or shale   clay
7272	425919	101588	12.2	14.6 sandstone dir
7273	425920	101588	14.6	16.2 sandstone fin
7274	425921	101588	16.2	18.6 sandstone da
7275	425922	101588	18.6	27.4 shale
7276	425923	101588	27.4	28.7 water 6 gal   s
7277	425924	101588	28.7	32.9 23+ gal. min.
7278	425925	101591	0	4.9 clay
7279	425926	101591	4.9	9.8 sandstone dir
7280	425927	101591	9.8	14.6 sandstone



7281	425928	101591	14.6	19.2 clay
7282	425929	101591	19.2	28.3 water at 78-90
7283	425930	101591	28.3	33.5 sandstone 90
7284	425931	101593	0	61 sand silty
7285	425932	101593	61	64 silty sand & gr
7286	425933	101593	64	91.4 shale black
7287	425934	101593	91.4	97.5 layered   shale
7288	425935	101593	97.5	152.4 shale fine dark
7289	72760	101595	0	6.1 clay gravelly
7290	72761	101595	6.1	12.2 clay
7291	72762	101595	12.2	59.4 shale
7292	72763	101595	59.4	61.9 sandstone fine
7293	72764	101595	61.9	86.3 shale
7294	72765	101595	86.3	96.6 water comes i
7295	72766	101595	96.6	110.9 shale
7296	425936	101598	0	2.4 clay
7297	425937	101598	2.4	19.5 sandstone
7298	425938	101598	19.5	27.7 shale
7299	425939	101598	27.7	49.4 sandstone
7300	425940	101598	49.4	55.8 shale water.
7301	72767	101599	0	4.6 clay
7302	72768	101599	4.6	13.4 shale swl ft 3
7303	72769	101599	13.4	13.7 sandstone
7304	72770	101599	13.7	15.2 shale
7305	72771	101599	15.2	16.8 sandstone
7306	425941	101600	0	42.7 original hole
7307	425942	101600	42.7	70.1 shale
7310	425945	101602	32	40.2 sandstone
7311	425946	101602	40.2	43.3 shale sandy b
7312	425947	101602	43.3	52.7 sandstone
7313	425948	101602	52.7	54.3 shale
7314	425949	101604	0	5.5 clay black
7315	425950	101604	5.5	19.2 trace ss   clay
7316	425951	101604	19.2	19.8 clay sandy
7317	425952	101604	19.8	23.8 sandy shale 8
7318	425953	101604	23.8	24.7 clay white
7319	425959	101616	0	9.1 glacial till clay
7320	425960	101616	9.1	13.7 shale with har
7321	425961	101616	13.7	15.8 conglomerate
7322	425962	101616	15.8	36.6 sh & sit st. wit
7323	425963	101616	36.6	37.2 ss   fine
7324	425964	101616	37.2	42.1 ss & sh interb

7325	425965	101616	42.1	49.4	ss fine bl & gr
7326	425966	101616	49.4	49.7	ss   coarse
7327	425967	101616	49.7	56.4	ss with sh len:
7328	425968	101616	56.4	59.4	shale
7331	426038	101701	8.2	11.3	sandstone
7332	426039	101701	11.3	14.9	shale
7333	426054	101703	0	12.2	clay
7334	426055	101703	12.2	36	shale grey dr
7335	426056	101703	36	36.6	rock
7336	426057	101703	36.6	56.4	shale grey
7337	426058	101703	56.4	61	shale brown
7338	426059	101703	61	80.8	sandstone
7339	426344	101786	0	27.4	sand silty bro
7340	426345	101786	27.4	115.8	layered shale
7341	426346	101786	115.8	134.1	sandstone wit
7342	426350	101789	0	1.2	glacial till
7343	426351	101789	1.2	42.7	layered shale
7344	426352	101790	0	18.3	sand silty bro
7345	426353	101790	18.3	24.4	damp sand   s
7346	426354	101790	24.4	59.4	& rocks   clay
7347	426355	101790	59.4	91.4	black & grey l
7349	426525	101832	0	10.7	clay sandy gre
7350	426526	101832	10.7	97.5	layered shale:
7351	426708	101866	0	5.5	glacial till
7352	426709	101866	5.5	24.4	shale layered
7353	426948	101922	0	12.2	glacial   till
7354	426949	101922	12.2	30.5	silt sandy
7355	426950	101922	30.5	41.1	silt black
7356	426951	101922	41.1	42.7	shales   no wa
7357	427127	101964	0	27.1	sand & gravel
7358	427178	101981	0	7.6	glacial till
7359	427179	101981	7.6	12.2	glacial till with
7360	427180	101981	12.2	36.6	glacial till
7361	427181	101981	36.6	57.9	clay black
7362	427182	101981	57.9	64	silt grey
7363	427183	101981	64	73.2	clay brown
7364	427184	101981	73.2	86.9	silt black
7365	427185	101981	86.9	91.4	clay brown
7366	73471	102190	0	0.6	fill
7367	73472	102190	0.6	24.4	sandy shale
7368	73473	102190	24.4	118.9	sandstone wit
7369	73474	102190	118.9	170.7	shale   black

7370	73475	102190	170.7	192 sandstone   g
7371	73476	102190	192	201.2 sandy shale
7372	427617	102257	0	0.1 soft damp dar
7373	427618	102257	0.1	8.2 loose wet bro
7374	427619	102258	0	3.7 clay
7375	427620	102258	3.7	5.5 sand
7376	427621	102258	5.5	11.6 oxidized ss
7377	427622	102258	11.6	91.4 ss soft-hard, k
7378	427767	102385	0	6.1 clay
7379	427768	102385	6.1	13.7 layered soft g
7380	427769	102385	13.7	18.3 sandstone gr
7381	427770	102385	18.3	22.9 shale grey sc
7382	427771	102388	0	19.8 glacial till-clay
7383	427772	102388	19.8	27.4 clay silty
7384	427773	102388	27.4	33.8 siltstone and s
7385	427774	102388	33.8	39.6 siltstone and s
7386	427775	102388	39.6	43.3 shale
7387	427776	102389	0	7.6 clay
7388	427777	102389	7.6	61 shale
7389	427778	102390	0	5.2 clay sandy
7390	427779	102390	5.2	18.3 shale sandy l
7391	427780	102390	18.3	36.9 shale water :
7392	427781	102390	36.9	38.1 shale sandy
7393	427782	102390	38.1	48.8 shale more v
7396	427785	102394	12.2	16.8 sandstone
7397	427786	102394	15.2	21.3 shale grey
7398	427787	102394	21.3	50.3 sandstone w
7399	427788	102400	0	18.3 aluvial wash
7400	427789	102400	18.3	54.9 shale with cc
7401	427790	102400	54.9	85.3 shale ss layer
7402	427793	102407	0	0.3 topsoil
7403	427794	102407	0.3	17.7 till
7404	427795	102407	17.7	94.5 shale
7405	427796	102407	94.5	97.2 sandstone
7406	427797	102407	97.2	116.4 shale
7407	427798	102407	116.4	135.9 sandstone
7408	427799	102407	135.9	143.2 shale
7409	427800	102408	0	42.7 till
7410	427801	102408	42.7	51.8 clay carbonac
7411	427802	102408	51.8	61 sand and sha
7412	427803	102408	61	68.6 mixed gravel l
7413	427804	102408	68.6	73.2 sand more c

7414	427805	102408	73.2	76.2 sandstone
7415	427806	102408	76.2	79.2 sandstone bl
7416	427807	102408	79.2	80.8 shale grey
7417	427808	102408	80.8	82.9 shale grey
7418	427809	102408	82.9	84.1 sandstone bl
7419	427810	102408	84.1	85.3 shale black
7420	427811	102408	85.3	91.4 shale black
7421	427812	102408	91.4	98.8 shale grey
7422	427813	102408	98.8	99.7 shale grey
7423	427814	102408	99.7	100.6 ?
7424	427815	102408	100.6	101.2 shale grey
7425	427816	102408	101.2	102.1 shale black
7426	427817	102408	102.1	103.6 shale black
7427	427818	102408	103.6	106.1 shale grey
7428	427819	102408	106.1	111.9 shale black
7429	427820	102408	111.9	118.9 shale grey
7430	427821	102408	118.9	121.3 shale black
7431	427822	102408	121.3	121.9 shale grey
7432	427823	102408	121.9	128 sandstone fi
7433	427824	102408	128	134.1 sandstone fi
7434	427825	102408	134.1	140.2 sandstone coi
7435	427826	102408	140.2	145.4 shale black
7436	427827	102408	145.4	146.3 shale grey
7437	427828	102408	146.3	147.8 shale grey
7438	427829	102408	147.8	149.4 sandstone fin
7439	427830	102408	149.4	150.3 sandstone fin
7440	427831	102408	150.3	152.4 shale grey
7441	427832	102409	0	0.2 loam silty bro
7442	427833	102409	0.2	1.8 sand & gravel
7443	427834	102409	1.8	7.6 clay silty brow
7444	427835	102409	7.6	9.1 sand & gravel
7445	427836	102409	9.1	10.7 silt-gravel   br
7446	427837	102409	10.7	16.5 medium sand
7447	427838	102409	16.5	23.2 clay silty brow
7448	427839	102409	23.2	24.1 silt-gravel   sa
7449	427840	102409	24.1	24.4 sand dark br
7450	427841	102411	0	8.5 overfill, add fc
7451	427842	102411	8.5	9.8 clay silty
7452	427843	102411	9.8	10.1 gravel fine dr
7453	427844	102411	10.1	10.7 sand fine to
7454	427845	102411	10.7	13.1 gravel fine tc
7455	427846	102411	13.1	16.8 sand

7456	427847	102411	16.8	17.1 clay
7457	427848	102412	0	6.1 till mixed with
7458	427849	102412	6.1	7 clay silty
7459	427850	102412	7	7.6 gravel fine tc
7460	427851	102412	7.6	11.9 gravel fine tc
7461	427852	102412	11.9	12.5 silt, sand & gr
7462	427853	102413	0	0.2 topsoil brown
7463	427854	102413	0.2	3.1 silt gravelly br
7464	427855	102413	3.1	4.9 silt and gravel
7465	427856	102413	4.9	12.3 sand and grav
7466	427873	102446	0	9.8 clay with sanc
7467	427874	102446	9.8	20.7 clay with pebk
7468	427875	102446	20.7	21.9 sandstone till
7469	427876	102446	21.9	25.9 sandstone sh
7470	427877	102446	25.9	32.9 clay, shale, s
7471	427878	102446	32.9	33.2 sandstone 2
7472	427879	102446	33.2	35.4 sandstone till
7473	427880	102448	0	32.6 unspecified
7474	427881	102448	32.6	43.9 bedrock
7475	427882	102449	0	153 unconsolidate
7476	427883	102450	0	128 unspecified
7477	427884	102453	0	147.5 unconsolidate
7478	427885	102454	0	189 unconsolidate
7479	427886	102455	0	221 unconsolidate
7480	427887	102456	0	59.1 unconsolidate
7481	427888	102456	59.1	73.8 bedrock
7482	427889	102457	0	86.6 unconsolidate
7483	427890	102457	86.6	146.3 bedrock
7484	427891	102458	0	24.4 unconsolidate
7485	427892	102458	24.4	36 bedrock
7487	427894	102459	160.9	163.7 bedrock
7488	427895	102460	0	76.8 unconsolidate
7490	427897	102461	0	118 unconsolidate
7491	73836	102463	0	59.4 clay
7492	73837	102463	59.4	88.4 shale
7493	73838	102463	88.4	91.4 shale
7494	73839	102463	91.4	121.9 shale
7495	73840	102463	121.9	150.9 shale
7496	73841	102463	150.9	160 sandstone 3
7497	73842	102463	160	176.8 shale
7498	73843	102463	176.8	187.1 shale
7499	73844	102463	187.1	189.3 sandstone 1

7500	73845	102463	189.3	201.2 shale
7501	73846	102463	201.2	207.3 shale
7502	427907	102464	0	6.1 clay silty
7503	427908	102464	6.1	7.6 gravel
7504	427909	102464	7.6	16.8 clay
7505	427910	102464	16.8	18.3 gravel with m
7506	427911	102464	18.3	24.4 shale
7507	427912	102464	24.4	61 shale no wat
7508	73847	102465	0	25.9 clay dense
7509	73848	102465	25.9	32 shale w/ss lay
7510	73849	102465	32	38.4 ss hard s+p
7511	73850	102465	38.4	44.8 ss oxidized sc
7512	73851	102465	44.8	50.6 shale w/ss ler
7513	73852	102465	50.6	51.2 shale soft
7514	73853	102467	0	9.4 till sandy
7515	73854	102467	9.4	19.8 sandstone br
7516	73855	102467	19.8	27.4 brn gry   shale
7517	73856	102467	27.4	45.7 w/ss layers dk
7518	73857	102467	45.7	46.3 shale soft
7519	73858	102467	46.3	47.5 sandstone fin
7520	73859	102467	47.5	53.3 bl med   shale
7521	73860	102467	53.3	53.9 bentonitic   sh
7522	73861	102467	53.9	71.6 sh bl & gry w/
7523	73862	102467	71.6	76.2 ss med fine gr
7524	73863	102467	76.2	78.6 shale
7525	73864	102467	78.6	79.2 sandstone fin
7526	73865	102467	79.2	80.8 shale
7527	73866	102467	80.8	103.6 ss fine grey w
7528	324161	102468	0	0.3 topsoil
7529	324162	102468	0.3	17.4 soft-med stick
7530	324163	102468	17.4	24.7 silty fine   san
7531	324164	102468	24.7	39.3 fine-med, sorr
7532	324165	102468	39.3	41.1 gravel fine-me
7533	427913	102470	0	3 overburden
7534	427914	102470	3	24.4 clay
7535	427915	102470	24.4	30.5 clay with grav
7536	427916	102470	30.5	36.6 shale
7537	427917	102470	36.6	37.5 sandstone
7538	427918	102470	37.5	42.7 shale
7539	427919	102470	42.7	43 sandstone
7540	427920	102470	43	48.8 shale
7541	427921	102470	48.8	50.3 sandstone

7542	427922	102470	50.3	61 shale
7543	427923	102470	61	67.1 sandstone
7544	427924	102470	67.1	73.2 shale
7545	427925	102470	73.2	76.2 sandstone
7546	427926	102470	76.2	85.3 shale
7547	427927	102470	85.3	91.4 sandstone
7548	114897	102471	0	36.9 clay grey
7549	114898	102471	36.9	48.8 clay brown m
7550	114899	102471	48.8	51.8 silt clay, browi
7551	114900	102471	51.8	69.2 clay vari-colo
7552	114901	102471	69.2	73.5 silty sandy coi
7553	114902	102471	73.5	121.9 shale grey  tr
7554	73867	102472	0	3.7 clay w/ cobble
7555	73868	102472	3.7	8.5 sandstone br
7556	73869	102472	8.5	14.9 sandstone br
7557	73870	102472	14.9	17.7 sandstone br
7558	73871	102472	17.7	18.6 sandstone br
7559	73872	102472	18.6	21 sandstone br
7560	73873	102472	21	22.9 sandstone br
7561	73874	102472	22.9	23.8 sandstone br
7562	114903	102473	0	1.5 silt clay, browi
7563	114904	102473	1.5	4.6 siltstone brow
7564	114905	102473	4.6	17.4 clay vari-colo
7565	114906	102473	17.4	25.9 shale clay, va
7566	73875	102474	0	21.3 clay vari-colo
7567	73876	102474	21.3	60.4 clay vari-colo
7568	73877	102474	60.4	61 sand brown
7569	73878	102474	61	73.2 shale grey fra
7570	73879	102476	0	6.1 topsoil
7571	73880	102476	6.1	12.2 clay
7572	73881	102476	12.2	18.3 clay
7573	73882	102476	18.3	24.4 clay
7574	73883	102476	24.4	30.5 clay
7575	73884	102476	30.5	36.6 clay
7576	73885	102476	36.6	42.7 clay, gravel
7577	73886	102476	42.7	48.8 clay, gravel
7578	73887	102476	48.8	54.9 clay, gravel
7579	73888	102476	54.9	61 clay, gravel
7580	73889	102476	61	67.1 clay, gravel
7581	73890	102476	67.1	73.2 clay, gravel
7582	73891	102476	73.2	79.2 clay, then sha
7583	73892	102476	79.2	85.3 shale

7584	73893	102476	85.3	91.4 shale
7585	73894	102476	91.4	97.5 shale
7586	73895	102476	97.5	103.6 shale
7587	73896	102476	103.6	109.7 mudstone
7588	73897	102476	109.7	115.8 shale
7589	73898	102476	115.8	121.9 shale
7590	73899	102477	0	4.9 clay brown
7591	73900	102477	4.9	5.2 gravel
7592	73901	102477	5.2	13.7 clay brown
7593	73902	102477	13.7	16.8 clay vari-colo
7594	73903	102477	16.8	32.6 clay vari-colo
7595	73904	102477	32.6	40.5 sandstone br
7596	73905	102477	40.5	64.3 sandstone va
7597	73906	102477	64.3	68.9 shale siltstone
7598	73907	102477	77.7	85.3 shale grey 27
7599	73908	102477	85.3	89.9 siltstone grey
7600	73909	102477	89.9	119.8 shale grey 33
7601	73910	102477	119.8	137.2 siltstone grey
7602	427928	102478	0	3.4 clay grey
7603	427929	102478	3.4	34.1 clay grey
7604	427930	102478	34.1	37.8 clay brown
7605	427931	102478	37.8	43.6 conglomerate
7606	73911	102479	0	1.5 clay brown
7607	73912	102479	1.5	6.1 clay brown
7608	73913	102479	6.1	14 clay grey
7609	73914	102479	14	17.4 clay grey
7610	73915	102479	17.4	29 shale grey 67
7611	73916	102480	0	1.5 clay brown
7612	73917	102480	1.5	2.7 sandstone br
7613	73918	102480	2.7	31.1 clay brown
7614	73919	102480	31.1	34.4 sandstone br
7615	73920	102480	34.4	35.4 sandstone br
7616	73921	102480	35.4	39 sandstone br
7617	73922	102480	39	39.3 sandstone br
7618	73923	102480	39.3	52.7 sandstone br
7619	73924	102480	52.7	54.6 shale grey 71
7620	73925	102480	54.6	54.9 sandstone br
7621	427932	102481	0	9.1 till gravely cla
7622	427933	102481	9.1	10.7 shale broken
7623	427934	102481	10.7	18.3 ss med brown
7624	427935	102481	18.3	21.3 ss s & p   harc
7625	427936	102481	21.3	25 med black   st



7626	427937	102481	25	30.5 ss grey fine h
7627	73926	102483	0	17.7 clay brown
7628	73927	102483	17.7	20.7 clay brown
7629	73928	102483	20.7	27.4 shale grey m
7630	73929	102484	0	14 clay brown
7631	73930	102484	14	36.6 shale grey
7632	73931	102484	36.6	41.1 siltstone grey
7633	427938	102485	0	3 overburden
7634	427939	102485	3	19.2 clay with grav
7635	427940	102485	19.2	36.6 ss yellow dry
7636	427941	102485	36.6	73.2 shale
7637	427942	102485	73.2	109.7 sandstone r
7638	427943	102485	109.7	152.4 shale
7639	73932	102486	0	1.5 clay brown
7640	73933	102486	1.5	10.7 clay brown
7641	73934	102486	10.7	12.2 sandstone br
7642	73935	102486	12.2	13.7 siltstone brov
7643	73936	102486	13.7	21.3 siltstone brov
7644	73937	102486	21.3	36.9 shale vari-col
7645	324170	102489	0	6.1 clay
7646	324171	102489	6.1	12.2 clay
7647	324172	102489	12.2	18.3 clay
7648	324173	102489	18.3	24.4 clay
7649	324174	102489	24.4	30.5 clay
7650	324175	102489	30.5	42.7 clay
7651	324176	102489	42.7	54.9 clay
7652	324177	102489	54.9	61 clay dry hole
7653	324178	102491	0	8.5 clay brown
7654	324179	102491	8.5	12.2 gravel clay   b
7655	324180	102491	12.2	20.4 gravel clay   b
7656	324181	102491	20.4	21.6 till brown wat
7657	324182	102491	21.6	28.7 gravel clay   b
7658	427944	102492	0	143.9 unconsolidate
7659	73938	102494	0	46.9 clay grey s-m
7660	73939	102494	46.9	50.3 sand brown v
7661	73940	102494	50.3	57.6 shale grey fra
7662	427945	102495	0	6.1 gravel
7663	427946	102495	6.1	8.5 gravel
7664	427947	102495	8.5	9.1 shale
7665	427948	102497	0	1.8 clay brown
7666	427949	102497	1.8	2.4 clay brown
7667	427950	102497	2.4	14.9 clay brown

7668	427951	102497	14.9	15.2 conglomerate
7669	427952	102497	15.2	50.6 clay brown
7670	427953	102497	50.6	56.1 shale grey fra
7671	427954	102497	56.1	63.4 sandstone br
7672	427955	102497	63.4	73.2 shale vari-col
7673	427956	102498	0	9.1 clay brown st
7674	427957	102498	9.1	21.3 interbedded s
7675	427958	102498	21.3	27.4 sandstone wa
7676	427959	102498	27.4	36.6 shale with sor
7677	427960	102499	0	41.1 unconsolidate
7679	427962	102501	0	14 unconsolidate
7680	427963	102501	14	31.1 bedrock
7681	427964	102502	0	61.6 unspecified
7682	324190	102503	0	9.8 till
7683	324191	102503	9.8	11.3 med gravel &
7684	427965	102504	0	77.4 unconsolidate
7685	427966	102504	77.4	79.2 bedrock
7686	427967	102505	0	1.5 pit 5' x 5' culv
7687	427968	102505	1.5	35.4 ss with shale
7688	427969	102506	0	6.1 clay sand   br
7689	427970	102506	6.1	25.9 clay vari-colo
7690	427971	102506	25.9	34.4 clay vari-colo
7691	427972	102506	34.4	39.6 conglomerate
7692	427973	102507	0	91.4 unspecified
7693	427974	102508	0	39.6 cased 6" stee
7694	427975	102508	39.6	61 shales ss strir
7695	427976	102509	0	10.1 clay brown
7696	427977	102509	10.1	12.2 siltstone brow
7697	427978	102509	12.2	12.5 sandstone br
7698	427979	102509	12.5	18.3 conglomerate
7699	427980	102510	0	6.1 sand, gravel
7700	427981	102510	6.1	10.4 sand, gravel
7701	427982	102510	10.4	12.2 shale
7702	73941	102511	0	9.8 clay grey
7703	73942	102511	9.8	15.2 rock brown 3.
7704	73943	102511	15.2	31.1 shale grey
7705	427983	102512	0	38.7 unconsolidate
7706	427984	102512	38.7	48.8 bedrock
7707	427985	102513	0	4.6 silt clayey bro
7708	427986	102513	4.6	7 clay silty brow
7709	427987	102513	7	21 clay grey
7710	427988	102513	21	29.9 clay grey

7711	427989	102513	29.9	34.1 sand, gravel, i
7712	427990	102513	34.1	43 sand and abu
7713	427991	102513	43	60 sand, gravel, i
7714	427992	102513	60	82 sand, silt, clay
7715	427993	102513	82	86.9 clay silty grey
7716	427994	102513	86.9	99.1 silty/clayey sa
7717	427995	102513	99.1	103.9 similar - more
7718	427996	102513	103.9	120.1 sand, gravel a
7719	427997	102513	120.1	121.9 sand & gravel
7720	427998	102513	121.9	124.1 sand and grav
7721	427999	102513	124.1	134.1 sand and grav
7722	428000	102513	134.1	143.9 gravel, pebble
7723	428001	102513	143.9	146.3 similar, more :
7724	73944	102514	0	3.7 fill
7725	73945	102514	3.7	22.9 shale vari-col
7726	73946	102514	22.9	34.1 ss w/ shale la
7727	73947	102514	34.1	37.8 ss   brown
7728	428002	102515	0	1 topsoil organic
7729	428003	102515	1	3 silt brown
7730	428004	102515	3	3.5 clay silty brow
7731	428005	102515	3.5	5 clay silty grey
7732	428006	102515	5	11 clay grey gre
7733	428007	102515	11	21 clay silty grey
7734	428008	102515	21	22.9 clay silty grey
7735	428013	102515	22.9	27 clay grey gry-
7736	428009	102515	27	35 clay silty grey
7737	428010	102515	35	48 clay and sand
7738	428011	102515	48	51 sand and clay
7739	428012	102515	51	54 sand salt & p
7740	428014	102515	54	59 sand and silty
7741	428015	102515	59	61.9 sand, silt and
7742	428016	102515	61.9	64 clay silty grey
7743	428017	102515	64	66 sand salt & p
7744	428018	102515	66	67.5 sane with inte
7745	428019	102515	67.5	72 sand salt & p
7746	428020	102515	72	75 interbedded s
7747	428021	102515	75	87 decreasing sa
7748	428022	102515	87	89 sand salt & p
7749	428026	102515	89	94 sand salt & p
7750	428023	102515	94	97 same with inc
7751	428024	102515	97	99 sand salt & p
7752	428025	102515	99	103 same, coarse

7753	428027	102515	103	106	same, no grav
7754	428028	102515	106	109.8	sand fine to
7755	428029	102515	109.8	117	sand salt & p
7756	428030	102515	117	134	sand and grav
7757	428031	102515	134	137	sand salt & p
7758	428032	102515	137	139.6	gravel and pe
7759	428033	102517	0	3	silt
7760	428034	102517	3	8.5	clay silty
7761	428035	102517	8.5	53	clay
7762	428036	102517	53	61	sandy clay an
7763	428037	102517	61	81.1	silt and silty cl
7764	428038	102517	81.1	85	sand and silt
7765	428039	102517	85	93.9	sand coarse
7766	428040	102517	93.9	100	sand and clay
7767	428041	102517	100	103	sand and pea
7768	428042	102517	103	111.9	sand and clay
7769	428043	102517	111.9	124.1	sandy silt and
7770	428044	102517	124.1	131.1	sand and grav
7771	428045	102517	131.1	139	gravel
7772	428046	102519	0	21.9	unconsolidate
7773	428047	102519	21.9	61.6	bedrock
7774	73961	102520	0	44.2	gravel w/ sand
7775	73962	102520	44.2	133.5	clay w/ silt lay
7776	73963	102520	133.5	134.1	shale black fr
7777	428048	102521	0	25	unconsolidate
7778	428049	102521	25	43	bedrock
7779	428050	102522	0	57.9	unconsolidate
7780	428051	102522	57.9	67.1	bedrock
7781	428052	102523	0	67.4	unconsolidate
7782	428053	102523	67.4	73.8	bedrock
7783	428054	102524	0	9.4	unconsolidate
7784	428055	102524	9.4	15.2	bedrock
7785	428056	102525	0	81.4	unconsolidate
7786	428057	102525	81.4	85.3	bedrock
7787	428063	102527	0	79.2	unconsolidate
7788	428064	102528	0	81.7	unconsolidate
7789	428065	102528	81.7	85.3	bedrock
7790	428066	102530	0	153.9	unconsolidate
7791	428067	102530	153.9	160	bedrock
7792	428068	102531	0	55.8	unconsolidate
7793	428069	102531	55.8	59.4	bedrock
7794	428070	102532	0	159.1	unconsolidate

7795	428071	102532	159.1	163.4 bedrock
7796	428072	102533	0	99.1 unconsolidate
7797	428073	102533	99.1	104.9 bedrock
7798	428074	102534	0	72.8 unconsolidate
7799	428075	102534	72.8	75.3 bedrock
7800	428076	102535	0	96 unconsolidate
7801	428077	102535	96	100.9 bedrock
7802	428078	102536	0	153.6 unconsolidate
7803	428079	102537	0	97.2 unspecified
7804	428080	102538	0	45.1 unconsolidate
7805	428081	102538	45.1	50.9 bedrock
7806	428082	102539	0	20.1 unspecified
7807	428083	102540	0	18.9 unspecified
7808	428084	102541	0	32.9 unconsolidate
7809	428085	102541	32.9	147.8 bedrock
7810	428086	102542	0	5.5 unconsolidate
7811	428087	102542	5.5	42.1 bedrock
7812	428088	102543	0	73.2 unspecified
7813	428089	102544	0	35.7 unconsolidate
7814	428090	102545	0	12.2 unconsolidate
7815	428091	102545	12.2	27.4 bedrock
7816	428092	102546	0	46.6 unspecified
7817	428093	102547	0	25 unspecified
7818	428094	102548	0	53 unconsolidate
7819	428095	102548	53	97.5 bedrock
7820	428096	102549	0	44.8 unconsolidate
7821	428097	102550	0	334.1 unspecified
7822	428098	102551	0	29.9 unconsolidate
7823	428099	102551	29.9	153 bedrock
7824	428100	102552	0	113.4 bedrock
7825	428101	102553	0	12.2 unconsolidate
7826	428102	102553	12.2	35.1 bedrock
7827	428103	102554	0	16.8 unconsolidate
7828	428104	102554	16.8	28.7 bedrock
7829	428105	102555	0	12.8 unconsolidate
7830	428106	102555	12.8	18.6 bedrock
7831	428107	102556	0	29.3 unconsolidate
7832	428108	102556	29.3	30.5 bedrock
7833	428109	102557	0	55.5 unconsolidate
7834	428110	102557	55.5	91.4 bedrock
7835	428111	102558	0	79.9 unconsolidate
7836	428112	102558	79.9	86.3 bedrock

7837	428113	102559	0	10.7 unconsolidate
7838	428114	102559	10.7	36.6 bedrock
7839	428115	102560	0	22.9 unconsolidate
7840	428116	102560	22.9	30.5 bedrock
7841	428117	102561	0	64 unspecified
7842	428118	102562	0	21.3 bedrock
7843	324192	102563	0	1.5 silt
7844	324193	102563	1.5	6.1 gravel
7845	324194	102563	6.1	13.7 sand
7846	324195	102563	13.7	17.7 gravel
7847	324196	102563	17.7	18.3 sand
7848	428119	102564	0	27.4 till
7849	428120	102564	27.4	42.7 shale & fine s
7850	428121	102564	42.7	71.6 sale w/fine ss
7851	428122	102565	0	18.3 glacial till
7852	428123	102565	18.3	22.9 shale w/fine s
7853	428124	102565	22.9	23.5 sh dk grey
7854	428125	102565	23.5	23.8 coal
7855	428126	102565	23.8	25 sandstone br
7856	428127	102565	25	27.4 brnish rgy ss
7857	428128	102565	27.4	29 ss lt gry hard t
7858	428129	102565	29	30.5 ss brnish gry r
7859	428130	102565	30.5	32 ss brnish red
7860	428131	102565	32	39.6 ss reddish brr
7861	428132	102565	39.6	40.8 ss brnish red
7862	428133	102565	40.8	41.1 ss gry
7863	428134	102565	41.1	42.7 ss brn
7864	428135	102565	42.7	44.2 ss gry w/soft s
7865	428136	102565	44.2	44.5 sh soft gry
7866	428137	102565	44.8	47.5 fine ss & sh g
7867	428138	102565	47.5	53.9 sh & ss & slts
7868	428139	102565	53.9	60 sh w/hard lens
7869	428140	102565	60	74.7 sh gry
7870	428141	102565	74.7	75.6 ss coarse lens
7871	428142	102565	75.6	89.9 sltst med tight
7872	428143	102565	89.9	121.9 sh & sltst w/a
7873	428144	102566	0	15.2 clay
7874	428145	102566	15.2	21.3 shale
7875	428146	102566	21.3	59.4 sandstone
7876	428147	102566	59.4	70.1 shale
7877	428148	102566	70.1	82.3 sandstone
7878	428149	102566	82.3	85.3 shale

7879	324197	102568	0	3 overburden
7880	324198	102568	3	61 sand wet
7881	324199	102568	61	73.2 clay
7882	324200	102568	73.2	82.3 sand silty with
7883	324201	102568	82.3	100.6 clay hard wet
7884	324202	102568	100.6	112.8 muddy with w
7885	324203	102568	112.8	118.3 boulder grave
7886	324204	102569	0	3 sand silty grey
7887	324205	102569	3	13.7 sand silty brown
7888	324206	102569	13.7	36.3 silt grey
7889	324207	102569	36.3	37.5 gravel 7 usc
7890	73964	102570	0	4.6 overburden b
7891	73965	102570	4.6	18.3 sand brown
7892	73966	102570	18.3	24.4 clay grey
7893	73967	102570	24.4	38.1 sandstone br
7894	73968	102570	38.1	41.1 shale grey
7895	73969	102570	41.1	44.2 sandstone gr
7896	73970	102570	44.2	47.2 shale grey
7897	73971	102570	47.2	54.9 sandstone gr
7898	73972	102570	54.9	60.4 shale grey
7899	73973	102571	0	9.1 glacial till
7900	73974	102571	9.1	21.3 sh gry layerec
7901	73975	102571	21.3	24.4 sh w/fine ss &
7902	73976	102571	24.4	39.6 sh ss stringer
7903	73977	102571	39.6	41.1 ss w/sh lense:
7904	73978	102571	41.1	48.2 sh & sltst laye
7905	73979	102571	48.2	48.8 ss gry w/br int
7906	73980	102571	48.8	51.8 ss & sltst laye
7907	73981	102571	51.8	54.9 sh & sltst laye
7908	73982	102571	54.9	70.1 sh w/ss string
7909	73983	102571	70.1	78.3 ss fine gry w/t
7910	73984	102571	78.3	91.4 ss fine dk gry
7911	73985	102571	91.4	99.1 shale dk gry
7912	73986	102571	99.1	114.3 ss gry hard   l
7913	73987	102571	114.3	150.9 shale & siltsto
7914	428157	102573	0	1.5 overburden
7915	428158	102573	1.5	12.2 clay
7916	428159	102573	12.2	61 shale
7917	324215	102576	0	85.3 clay w/ silt   gr
7918	324216	102576	85.3	88.4 coarse gravel
7919	428160	102577	0	4 fine sand & sil
7920	428161	102577	4	7.6 sand & gravel

7921	428162	102577	7.6	10.7 clay & silt w/g
7922	428163	102577	10.7	12.8 gravel & sand
7923	428164	102577	12.8	13.4 silty clay
7924	428165	102577	13.4	15.8 sand & fines
7925	428166	102577	15.8	16.2 gravel
7926	428167	102577	16.2	16.8 sand
7927	428168	102577	16.8	20.1 gravel & sand
7928	428169	102577	20.1	21 cobbles & sm.
7929	428170	102577	21	21.6 gravel & sand
7930	428171	102577	21.6	22.9 gravelly till w/c
7931	324217	102582	0	3 clay
7932	324218	102582	3	28.3 gravel
7933	324219	102582	28.3	30.5 clay
7934	324220	102582	30.5	47.5 gravel & sand
7935	428198	102583	0	41.8 till clay gravel
7936	428199	102583	41.8	48.8 med to coarse
7937	73988	102584	0	9.8 till
7938	73989	102584	9.8	10.4 shale
7939	73990	102584	10.4	10.7 ss r br
7940	73991	102584	10.7	19.8 shale w ss str
7941	73992	102584	19.8	20.7 ss bl fine
7942	73993	102584	20.7	21.9 shale
7943	73994	102584	21.9	23.2 ss br
7944	428200	102585	0	6.1 till clay w/ peb
7945	428201	102585	6.1	140.2 shale black fr
7946	428202	102586	0	9.8 pre drilled 36"
7947	428203	102586	9.8	17.7 clay till
7948	428204	102586	17.7	19.8 ss with shale
7949	428205	102586	19.8	22.9 shale bentonit
7950	73995	102588	0	4.6 till w/ pebbles
7951	73996	102588	4.6	7.6 shale grey
7952	73997	102588	7.6	9.1 ss   brown
7953	73998	102588	9.1	25.9 shale w/ ss le
7954	73999	102588	25.9	54.9 ss   salt & pep
7955	74000	102589	0	33.5 clay w/ pebble
7956	74001	102589	33.5	34.1 sandstone br
7957	428212	102590	0	12.2 clay
7958	428213	102590	12.2	18.3 clay & sand
7959	428214	102590	18.3	27.4 silty wet sand
7960	428215	102590	27.4	30.5 dry gravels sn
7961	428216	102590	32	42.7 glacial till
7962	324221	102591	0	33.5 clay grey



7963	324222	102591	33.5	50.3 gravel w/ clay
7964	324223	102591	50.3	51.8 silt grey 10
7965	324224	102591	51.8	57.3 muddy clay   g
7966	324225	102591	57.3	57.9 soft gravel w/
7967	324226	102592	0	39.6 silty clay   gre
7968	324227	102592	39.6	40.5 gravel black s
7969	324228	102592	40.5	42.1 sticky clay   gr
7970	324229	102592	42.1	44.2 coarse gravel
7971	74002	102593	0	7.9 clay
7972	74003	102593	7.9	15.2 shale
7973	74004	102593	15.2	16.2 ss   water-bea
7974	74005	102593	16.2	21.3 shale
7975	74006	102594	0	12.2 glacial till
7976	74007	102594	12.2	15.2 gravel-dry
7977	74008	102594	15.2	24.4 shale soft
7978	74009	102594	24.4	35.1 shale medium
7979	74011	102594	35.1	67.1 shale w/ss ler
7980	74012	102594	67.1	89.9 she & fine ss
7981	74013	102594	89.9	121.9 shale & fine s:
7982	428217	102595	0	6.1 sand
7983	428218	102595	6.1	12.2 silt
7984	428219	102595	12.2	18.3 silt
7985	428220	102595	18.3	24.4 silt
7986	428221	102595	24.4	30.5 silt clay
7987	428222	102595	30.5	36.6 clay shales
7988	428223	102595	36.6	42.7 clay shales
7989	428224	102595	42.7	48.8 clay shales
7990	428225	102595	48.8	54.9 clay shales
7991	428226	102595	54.9	61 clay shale - be
7992	428227	102595	61	67.1 bedrock   wat
7993	428228	102596	0	3 clay brown
7994	428229	102596	3	12.2 sandstone br
7995	428230	102596	12.2	19.8 shale grey
7996	428231	102596	19.8	25 sandstone gr
7997	428232	102596	25	29.6 shale grey
7998	74014	102597	0	6.1 clay
7999	74015	102597	6.1	11 clay
8000	74016	102597	11	18.3 shale soft
8001	74017	102597	18.3	24.4 mudstone
8002	74018	102597	24.4	30.5 mudstone
8003	74019	102597	30.5	32 mudstone
8004	74020	102597	32	36.6 shale

8005	74021	102597	36.6	42.7 shale
8006	74022	102597	42.7	45.7 shale
8007	74023	102597	45.7	46 sandstone
8008	74024	102597	46	47.9 shale 157 - t
8009	74025	102599	0	1.7 clay brown
8010	74026	102599	1.7	32.6 sandstone br
8011	74027	102599	32.6	33.5 shale grey 1C
8012	428237	102600	0	6.1 clay vari-colo
8013	428238	102600	6.1	16.8 clay grey
8014	428239	102600	16.8	47.2 clay grey
8015	428240	102600	47.2	61 silt sand   gre
8016	428241	102600	61	64.6 till vari-colour
8017	428242	102600	64.6	70.7 shale grey 22
8018	74028	102601	0	20.7 glacial till clay
8019	74029	102601	20.7	24.4 shale layered
8020	74030	102601	24.4	25.9 ss dirty gry
8021	74031	102601	25.9	39.6 sh & fine ss la
8022	74032	102601	39.6	41.5 ss fine gry
8023	74033	102601	41.5	47.2 shale grey
8024	74034	102601	47.2	48.2 ss fine gry
8025	74035	102601	48.2	52.4 sh med gry la
8026	74036	102601	52.4	53.3 ss fine gry
8027	74037	102601	53.3	59.4 shale
8028	74038	102601	59.4	60 ss fine gry
8029	74039	102601	60	71.6 shale & dirty f
8030	74040	102601	71.6	72.5 coal hard frac
8031	74041	102601	72.5	79.2 ss fine layerec
8032	74042	102601	79.2	83.8 shale med gre
8033	74043	102602	0	3.7 clay vari-colo
8034	74044	102602	3.7	12.2 clay vari-colo
8035	74045	102602	12.2	22.6 shale grey 52
8036	74046	102602	22.6	24.4 shale grey
8037	74047	102602	24.4	44.8 shale grey
8038	74048	102602	44.8	46 siltstone grey
8039	74049	102602	46	48.8 siltstone grey
8040	74050	102602	48.8	68.9 shale grey 1E
8041	428243	102603	0	4.9 clay brown
8042	428244	102603	4.9	7.9 siltstone vari-
8043	428245	102603	7.9	22.3 sandstone br
8044	428246	102603	22.3	31.4 shale grey
8045	428247	102603	31.4	33.5 siltstone vari-
8046	428248	102603	33.5	33.8 sandstone br

8047	428249	102603	33.8	53 sandstone br
8048	428250	102603	53	57 shale grey 17
8049	428251	102603	57	59.1 siltstone grey
8050	428252	102603	59.1	64 shale grey
8051	74051	102604	0	57.9 fine sand br
8052	74052	102604	57.9	59.4 fine sand w/gr
8053	74053	102604	59.4	62.5 fine sand
8054	74054	102604	62.5	72.2 fine sand w/si
8055	74055	102604	72.2	78.6 shale
8056	74056	102604	78.6	82.3 ss fine hard g
8057	74057	102604	82.3	89 shale
8058	74058	102604	89	89.9 ss fine
8059	74059	102604	89.9	93.9 shale
8060	74060	102604	93.9	95.1 ss hard   fract
8061	74061	102604	95.1	96 shale
8062	74062	102604	96	100 sh & fine ss
8063	74063	102604	100	100.6 ss hard gry
8064	74064	102604	100.6	112.2 shale & fine s
8065	74065	102604	112.2	127.4 shale & sltst v
8066	74066	102605	0	6.1 clay brown
8067	74067	102605	6.1	15.2 silt brown
8068	74068	102605	15.2	23.5 clay brown
8069	74069	102605	23.5	24.1 sandstone br
8070	74070	102605	24.1	25.6 shale grey
8071	74071	102605	25.6	26.8 conglomerate
8072	74072	102605	26.8	31.7 siltstone brov
8073	74073	102605	31.7	32.3 shale grey
8074	74074	102606	0	0.5 gravel brown
8075	74075	102606	0.5	10.7 clay brown
8076	74076	102606	10.7	15.2 clay brown
8077	74077	102606	15.2	16.8 siltstone brov
8078	74078	102606	16.8	18.3 sandstone br
8079	74079	102606	18.3	21.5 shale vari-col
8080	74080	102607	0	1.8 gravel clay
8081	74081	102607	1.8	30.5 sandstone sh
8082	74082	102608	0	3 till clay w/ peb
8083	74083	102608	3	9.1 gravel w/ clay
8084	74084	102608	9.1	15.2 clay w/ pebble
8085	74085	102608	15.2	42.7 shale ss   laye
8086	428253	102609	0	3 till
8087	428254	102609	3	8.5 shale brown &
8088	428255	102609	8.5	12.2 shale & sands

8089	428256	102609	12.2	18.3 ss fine gray   i
8090	428257	102609	18.3	27.4 shale black
8091	428258	102609	27.4	29 ss s&p-dry
8092	428259	102609	29	36 shale
8093	428260	102609	36	37.8 sandstone fin
8094	428261	102609	37.8	47.2 shale w/fine s
8095	428264	102611	0	5.5 fine sand   br
8096	428265	102611	5.5	30.5 silty clay
8097	428266	102611	30.5	48.8 fine sand & sil
8098	428267	102611	48.8	61 silty clay w/ fir
8099	428268	102611	61	74.4 silt & fine sand
8100	428269	102611	74.4	75 sand & gravel
8101	428270	102611	75	79.2 fine sand & sil
8102	428271	102611	79.2	82.6 fine sand w/ n
8104	428273	102612	0	3 till
8105	428274	102612	3	17.7 sandstone sof
8106	428275	102612	17.7	76.2 layered sands
8107	114907	102613	0	2.7
8108	114908	102613	2.7	11 clay
8109	114909	102613	11	15.5 sandstone
8110	114910	102613	15.5	18 water aquifer
8112	324231	102614	5.5	7.3 clay
8113	324232	102614	7.3	10.7 till, gravely cl
8114	324233	102614	10.7	19.8 clay
8115	324234	102614	19.8	22.9 gravel
8116	428276	102615	0	1.2 clay
8117	428277	102615	1.2	61 shale black
8118	428278	102616	0	21.9 till with sand &
8119	428279	102616	21.9	44.2 till silt & sand
8120	428280	102616	44.2	46.6 broken sands
8121	428281	102616	46.6	50.3 sandstone fra
8122	428282	102616	50.3	82.3 shale @ 270
8123	428283	102616	82.3	85.3 sandstone gr
8124	428284	102616	85.3	86.6 shale
8125	428285	102617	0	1.5 sand & gravel
8126	428286	102617	1.5	2.7 dry clay
8127	428287	102617	2.7	15.2 sandstone
8128	428288	102617	15.2	18.3 shale grey
8129	428289	102617	18.3	24.4 sandstone
8130	428290	102617	24.4	45.7 shale with cla
8131	428291	102617	45.7	48.2 sandstone
8132	428292	102617	48.2	57.9 grey shale soi

8133	428293	102617	57.9	71.6 sandstone
8134	428294	102617	71.6	73.2 grey shale wit
8135	74086	102618	0	1.5 till
8136	74087	102618	1.5	9.1 sh w/ fine ss l
8137	74088	102618	9.1	10.7 ss fine   frac n
8138	74089	102618	10.7	20.7 sh w/ fine ss l
8139	74090	102618	20.7	21.3 ss hard fine gr
8140	74091	102618	21.3	22.9 shale
8141	74092	102618	22.9	24.1 ss med fine
8142	74093	102618	24.1	38.7 sh & sltst
8143	74094	102618	38.7	42.1 ss fine to med
8144	74095	102618	42.1	43.3 sltst
8145	74096	102618	43.3	47.5 ss med fine gr
8146	74097	102618	47.5	51.8 shale
8147	74098	102618	51.8	53 ss med fine gr
8148	74099	102618	53	70.1 sh & sltst
8149	74100	102618	70.1	90.8 sh w/ bentonit
8150	428295	102619	0	3 sand & gravel
8151	428296	102619	3	7 dry clay
8152	428297	102619	7	18.3 sandstone
8153	428298	102619	18.3	19.8 shale grey
8154	428299	102619	19.8	22.9 sandstone
8155	428300	102619	22.9	42.7 grey shale se
8156	428301	102619	42.7	50.3 sandstone
8157	428302	102619	50.3	53 shale hard gre
8158	428303	102619	53	67.1 sandstone
8159	428304	102619	67.1	68 sandstone dry
8160	428305	102619	68	70.1 sandstone dry
8161	428306	102619	70.1	97.5 black seams
8162	428307	102619	97.5	103.6 sandstone
8163	428308	102619	103.6	106.7 shale black
8164	428309	102619	106.7	131.1 sandstone
8165	428310	102619	131.1	140.2 shale
8166	428311	102619	140.2	144.8 sandstone
8167	428312	102619	144.8	164.6 shale grey
8168	428313	102620	0	4 clay sandy
8169	428314	102620	4	12.8 sandstone
8170	428315	102620	12.8	14 shaley sandst
8171	428316	102620	14	18.6 sandstone loc
8172	428317	102620	18.6	19.5 shaley sandst
8173	428318	102620	19.5	22.6 shale with sar
8174	428319	102621	0	3 glacial till

8175	428320	102621	3	12.2 shale & fine s
8176	428321	102621	12.2	17.4 sandstone gr
8177	428322	102621	17.4	27.4 shale
8178	428323	102621	27.4	29 sandstone me
8179	428324	102621	29	36.6 shale
8180	428325	102621	36.6	37.5 sandstone me
8181	428326	102621	37.5	47.2 shales & fine :
8182	428327	102622	0	1.8 clay brown
8183	428328	102622	1.8	4.3 till bouldery
8184	428329	102622	4.3	8.5 shale hard bla
8185	428330	102622	8.5	27.4 layered sands
8186	428331	102622	27.4	33.5 sandstone gr
8187	428332	102622	33.5	45.7 layered sands
8188	428333	102623	0	2.4 glacial till
8189	428334	102623	2.4	4.3 ss br oxidizati
8190	428335	102623	4.3	12.8 shale & fine s:
8191	428336	102623	12.8	14.6 ss   grey 2 gp
8192	428337	102623	14.6	14.9 shale
8193	428338	102623	14.9	15.8 ss   salt & pep
8194	428339	102623	15.8	16.8 dark grey sha
8195	428340	102623	16.8	18.3 shale gry ben
8196	428341	102623	18.3	22.6 sh dk
8197	428342	102623	22.6	23.2 sh med bent
8198	428343	102623	23.2	24.4 sltst   frac 2.5
8199	428344	102623	24.4	25 sandy shale g
8200	428345	102623	25	25.9 ss fine gry
8201	428346	102623	25.9	27.1 ss med w/ sh
8202	428347	102623	27.1	27.7 sandy shale
8203	428348	102623	27.7	32 sh gry
8204	428349	102623	32	33.2 ss fine gry
8205	428350	102623	33.2	33.8 sh & fine ss   t
8206	428351	102623	33.8	34.1 ss fine gry
8207	428352	102623	34.1	35.1 ss med gry
8208	428353	102623	35.1	36 ss fine w/ sh
8209	428354	102624	0	3 till sandy clay
8210	428355	102624	3	25.9 shale silty sof
8211	428356	102624	25.9	31.1 sandstone finc
8212	428357	102624	31.1	79.2 shale medium
8213	428358	102624	79.2	91.4 ss fine grey di
8214	428359	102625	0	4.3 brown
8215	428360	102625	4.3	29.9 clay & silt
8216	428361	102625	29.9	80.2 clay, silt, fine :

8217	428362	102625	80.2	83.8 sand and grav
8218	428363	102625	83.8	84 clay sand & g
8219	428364	102626	0	11.3 glacial till
8220	428365	102626	11.3	15.8 slst & shale la
8221	428366	102626	15.8	24.1 shale with a fe
8222	428367	102626	24.1	32.3 ss med br & g
8223	428368	102626	32.3	35.1 shale
8226	324237	102627	3	3.7 clay & gravel
8227	324238	102627	3.7	9.1 sand & gravel
8228	324239	102627	9.1	9.8 clay br
8229	324240	102628	0	8.8 sandy clay
8230	324241	102628	8.8	35.1 clay w/ gravel
8231	324242	102628	35.1	36.6 clay black
8232	324243	102628	36.6	41.5 gravel & sand
8233	428369	102629	0	33.2 clays, brown t
8234	428370	102629	33.2	34.7 sandstone br
8235	428371	102629	34.7	38.1 shale grey
8236	428372	102630	0	7.6 glacial till
8237	428373	102630	7.6	9.1 shale soft with
8238	428374	102630	9.1	11.6 ss med br
8239	428375	102630	11.6	12.2 shale medium
8240	428376	102630	12.2	18.3 ss med br
8241	428377	102630	18.3	19.5 ss hard greyis
8242	428378	102630	19.5	22.9 ss med br sat
8243	428379	102630	22.9	24.7 shale fracture
8244	428380	102630	24.7	25.3 coal saturatec
8245	428381	102630	25.3	27.4 shale
8246	428382	102630	27.4	30.2 ss   fractured
8247	428383	102630	30.2	33.5 shale
8248	428384	102630	33.5	34.1 ss med brown
8249	428385	102630	34.1	35.1 shale med ha
8250	428386	102631	0	50.3 till
8251	428387	102631	50.3	57.9 sandstone br
8252	428388	102631	57.9	65.5 shale with sar
8253	428389	102632	0	26.5 clay sticky
8254	428390	102632	26.5	62.2 sandstone bro
8255	428391	102632	62.2	75 shale
8256	428392	102632	75	79.6 sandstone br
8257	428400	102634	41.8	46.3 ss fine grey in
8258	428401	102634	46.3	47.5 ss hard fine br
8259	428402	102634	47.5	48.8 ss med soft
8260	428403	102634	48.8	53.3 shale with 2 fi

8261	428409	102636	0	3 sand gravel
8262	428410	102636	3	24.4 shale soft ma
8263	428411	102636	24.4	32 sandstone da
8264	428412	102637	0	9.8 till
8265	428413	102637	9.8	19.2 shale brown
8266	428414	102637	19.2	19.8 shale with sar
8267	428415	102637	19.8	22.9 shale
8269	428418	102639	0	2.4 till clay, silt, gr
8270	428419	102639	2.7	93.6 shale med ha
8271	428420	102639	93.6	100.9 layered ss ha
8272	74101	102640	0	1.8 clay sand silt
8273	74102	102640	1.8	3.7 gravel with sa
8274	74103	102640	3.7	19.5 shale grey
8275	428421	102641	0	33.5 glacial till
8276	428422	102641	33.5	59.4 shale & fine s
8277	428423	102641	59.4	65.5 bentonitic sha
8278	428424	102641	65.5	71.3 ss brnsh grey
8279	428425	102641	71.3	72.8 ss brn   173
8280	428426	102642	0	0.6 topsoil
8281	428427	102642	0.6	3.7 clay light grey
8282	428428	102642	3.7	77.7 till grey silty fir
8283	428429	102642	77.7	78.6 clay
8284	428430	102642	78.6	81.7 sands fine sal
8285	428431	102642	81.7	85.3 till
8286	428432	102642	85.3	100.3 clay
8287	428433	102642	100.3	102.1 clay silty
8288	428434	102642	102.1	107.3 sand grey fine
8289	428435	102642	107.3	116.7 interbedded s
8290	428436	102642	116.7	128 bedrock intert
8291	428437	102643	0	3 clay with grav
8292	428438	102643	3	10.7 glacial till (clay)
8293	428439	102643	10.7	11.3 shale brown
8294	428440	102643	11.3	11.9 fine ss greenis
8295	428441	102643	11.9	13.4 hard ss s & p
8296	428442	102643	13.4	14 shale brown
8297	428443	102643	14	16.2 med hard s &
8298	428444	102643	16.2	17.1 soft shale laye
8301	428447	102645	2.7	29 till (gravel)   @
8302	428448	102645	29	38.1 shale
8303	428449	102646	0	0.6 topsoil
8304	428450	102646	0.6	13.7 silty grey brow
8305	428451	102646	13.7	97.5 till silty clayish



8306	428452	102646	97.5	131.1 silts fine sand
8307	428453	102646	131.1	161.5 sands fine silt
8308	428454	102646	161.5	173.7 gravels held c
8309	428455	102646	173.7	221 clays & silts
8310	428456	102647	0	4.6 clay
8311	428457	102647	4.6	22.9 shale
8312	428458	102647	22.9	128 shale w/ fine s
8313	428459	102648	0	5.5 till, gravel
8314	428460	102648	5.5	6.7 med gravel wi
8315	428461	102648	6.7	11.6 till brown
8316	428462	102648	11.6	13.4 med-coarse g
8317	428463	102648	13.4	17.7 till sandy
8320	74106	102649	10.7	11.9 shale grey me
8321	74107	102649	11.9	15.2 ss med grey
8322	74108	102649	15.2	22.9 silty shale with
8323	74109	102649	22.9	29.6 ss grey s&p r
8324	74110	102649	29.6	33.5 ss & shale lay
8325	74111	102649	33.5	38.1 ss s&p   mw
8326	74112	102649	38.1	41.5 ss med s&p w
8327	428464	102650	0	23.8 silty clay
8328	428465	102650	23.8	33.8 clay till gravel
8329	428466	102650	33.8	91.4 layered ss & s
8330	74113	102651	0	9.1 till
8331	74114	102651	9.1	18.3 shale
8332	74115	102651	18.3	24.4 shale frac 2
8333	74116	102651	24.4	51.8 sh & sltst bl
8334	74117	102651	51.8	57.9 ss   5 gpm
8335	74118	102651	57.9	66.1 sh & sltst bl
8336	74119	102651	66.1	73.2 ss med gry &
8337	74120	102651	73.2	83.8 ss fine dirty gr
8338	428467	102652	0	0.6 topsoil
8339	428468	102652	0.6	85.3 tillish type clay
8340	428469	102652	85.3	93.3 clay silty
8341	428470	102652	93.3	97.5 sand silty we
8342	428471	102652	97.5	103.6 sand fine clea
8343	428472	102652	103.6	123.7 silts fine sand
8344	428473	102652	123.7	156.7 claylike silts fi
8345	428474	102652	156.7	158.5 clay silty grey
8346	428475	102652	158.5	164.6 sands silts cla
8347	428476	102652	164.6	185.9 gravels with s
8348	428477	102652	185.9	189 clayish silts
8349	74121	102653	0	3 clay fill   grey

8350	74122	102653	3	16.2 sandy clay   b
8352	74124	102653	22.3	29.9 shale
8353	428478	102654	0	5.5 clay
8354	428479	102654	5.5	42.7 clay sandy
8355	428480	102654	42.7	54.9 heaving silty c
8356	428481	102654	54.9	79.9 clay silty sat
8357	428482	102654	79.9	87.2 gravel pea cc
8358	428483	102654	87.2	87.5 clay
8359	428484	102654	87.5	89 same type gra
8360	428485	102655	0	6.1 light grey clay
8361	428486	102655	6.1	13.1 light grey shal
8362	428487	102655	13.1	18.9 light grey shal
8363	428488	102656	0	4.9 clay silty brow
8364	428489	102656	4.9	9.8 clay blue
8365	428490	102656	9.8	10.7 clay till sand s
8366	428491	102656	10.7	17.1 shale soft
8367	428492	102656	17.1	18 s s soft fine   (
8368	428493	102656	18	26.5 shale soft
8369	428494	102656	26.5	28 s s soft black
8370	428495	102656	28	42.1 shale med ha
8371	428496	102656	42.1	43.9 s s med dirty t
8372	428497	102656	43.9	47.5 shale shale t
8373	428498	102656	47.5	52.1 s s brown har
8374	428499	102656	52.1	53.3 shale
8377	324246	102657	8.2	21.3 till clay sand s
8378	324247	102657	21.3	22.9 sand & gravel
8379	428500	102658	0	2.1 till sand & gra
8380	428501	102658	2.1	3 gravel med cc
8381	428502	102658	3	4.6 sand black
8382	428503	102658	4.6	4.9 sand med to f
8383	428504	102658	4.9	8.5 shale
8384	428505	102658	8.5	9.4 s s fine hard c
8385	428506	102658	9.4	12.5 shale
8386	428507	102658	12.5	13.4 s s med browi
8387	428508	102658	13.4	19.2 s s fine grey
8388	428509	102658	19.2	21.3 s s med to finc
8389	74125	102659	0	9.8 clay
8390	74126	102659	9.8	16.8 shale
8391	74127	102659	16.8	24.4 shale clay
8392	74128	102659	24.4	30.5 clay shales
8393	74129	102659	30.5	61 clay shales
8394	74130	102659	61	91.4 clay shales

8395	428510	102660	0	7.3 clay
8396	428511	102660	7.3	11 shale
8397	428512	102660	11	18.3 clay shales
8398	428513	102660	18.3	30.5 clay shales
8399	428514	102660	30.5	42.7 clay shales
8400	428515	102660	42.7	61 clay shales
8401	428516	102661	0	18.3 overburden cl
8402	428517	102661	18.3	85.3 shale
8403	428518	102661	85.3	91.4 shale
8404	428519	102661	91.4	109.7 sandstone sha
8405	428530	102664	0	3.7 till w/ cobbles
8406	428531	102664	3.7	23.8 ss hard w/ rec
8407	428532	102664	23.8	27.4 shale
8408	428533	102664	27.4	28.7 ss fine gry & c
8409	428534	102664	28.7	30.5 shale
8410	428535	102664	30.5	33.5 sh & dirty ss l
8411	428536	102664	33.5	63.4 shale & siltsto
8412	428537	102664	63.4	65.5 fine grey ss   :
8413	428538	102664	65.5	71.6 ss s & p mw
8414	428539	102664	71.6	77.7 ss fine gry   1:
8415	428540	102665	0	5.5 clay brown
8416	428541	102665	5.5	18.3 ss brown med
8417	428542	102665	18.3	29.6 ss interbedde
8418	428543	102666	0	3 silty clay
8419	428544	102666	3	3.7 ss fine   fractu
8420	428545	102666	3.7	12.2 shale layered
8421	428546	102666	12.2	15.2 siltst med har
8422	428547	102666	15.2	17.1 shale bl
8423	428548	102666	17.1	17.7 ss med fine la
8424	428549	102666	17.7	19.8 shale bl
8425	428550	102666	19.8	21.9 shale bentoni
8426	428551	102666	21.9	22.9 ss med fine
8427	428552	102666	22.9	25.9 shale & sltst
8428	428553	102666	25.9	29 sh w/ ss & slts
8429	428554	102666	29	29.6 sh bentonitic
8430	428555	102666	29.6	29.9 ss fine
8431	428556	102666	29.9	32.9 shale
8432	428557	102666	32.9	35.7 ss gry some s
8433	428558	102666	35.7	36.6 layered shale
8434	428559	102666	36.6	37.2 ss soft med fir
8435	428560	102666	37.2	37.8 ss dk gry
8436	428561	102666	37.8	39.6 sh bl

8437	428562	102666	39.6	40.5 ss s & p
8438	428563	102666	41.5	41.8 shale
8439	428564	102666	41.8	42.1 dk gry ss
8440	428565	102666	42.1	42.7 shale
8441	428566	102666	42.7	51.2 ss soft med gr
8442	428567	102666	51.2	58.5 ss hard fine gr
8443	428568	102666	58.5	65.5 ss med fine gr
8444	428569	102666	65.5	68.6 ss med hard c
8445	428570	102666	68.6	71.6 shale black
8446	428571	102666	71.6	71.9 ss fine dk gry
8447	428572	102667	0	0.6 topsoil
8448	428573	102667	0.6	13.7 silts & sand gr
8449	428574	102667	13.7	50.3 till grey
8450	428575	102667	50.3	79.2 shale 1.5 gp
8451	428576	102668	0	10.7 clay layers   b
8452	428577	102668	10.7	11.6 rock & till
8453	428578	102668	11.6	12.8 silty sand   no
8454	428579	102668	12.8	14 coarse sandst
8455	428580	102668	14	14.6 dark sand lots
8456	428581	102668	14.6	15.5 sand gravel
8457	428582	102669	0	48.8 silty clay
8458	428583	102669	48.8	54.9 silty gravel
8459	428584	102669	54.9	60 gravel
8460	428585	102669	60	61 sandy
8461	324252	102672	0	9.1 gravel & sand
8462	324253	102672	9.1	10.4 shale grey w/
8463	324254	102672	10.4	12.5 med grey sha
8464	428587	102673	0	3 topsoil
8465	428588	102673	3	13.7 hard clay till
8466	428589	102673	13.7	22.6 shale startec
8467	428590	102673	22.6	33.5 sandstone
8468	428591	102674	0	18.3 till clay & sanc
8469	428592	102674	18.3	25.9 till clay gravel
8470	428593	102674	25.9	33.5 shale med bla
8471	428594	102674	33.5	38.1 ss fine grey   (
8472	428595	102674	38.1	71.6 shale & fine g
8473	428596	102674	71.6	128 shale w/ some
8474	428597	102675	0	6.1 till clay
8475	428598	102675	6.1	6.7 till
8476	428599	102675	6.7	9.1 sand
8477	428600	102675	9.1	11 ss layered
8478	428601	102675	11	12.8 yellow   yellow

8479	428602	102675	12.8	16.8 yellow
8480	428603	102675	16.8	17.1 shale
8481	428604	102675	17.1	18.3 ss med to fine
8482	428605	102676	0	1.2 till
8483	428606	102676	1.2	10.1 shale layered
8484	428607	102676	10.1	11.3 ss med soft gr
8485	428608	102676	11.3	16.5 shale layered
8486	428609	102676	16.5	16.8 shale   frac 5
8487	428610	102676	16.8	20.7 shale w/ bento
8488	428611	102676	20.7	21.3 shale w/ iron c
8489	428612	102676	21.3	25 sandy sh
8490	428613	102676	25	26.2 sh grey
8491	428614	102676	26.2	28.3 sandy shale &
8492	428615	102676	28.3	29 fine ss grey
8493	428616	102677	0	15.8 glacial till-clay
8494	428617	102677	15.8	26.8 glacial till clay
8495	428618	102677	26.8	30.5 ss med hard v
8496	428619	102677	30.5	53.3 shale layered
8497	428620	102677	53.3	65.5 ss layered gre
8498	428621	102677	65.5	76.2 shale with lay
8499	428622	102677	76.2	82.3 shale with fine
8500	428623	102677	82.3	115.8 shale med bl
8568	428721	102695	79.2	82.3 ss dk grey   m
8501	428624	102677	115.8	292.6 med hard sha
8502	428625	102678	0	10.7 clay & silts
8503	428626	102678	10.7	16.2 shales grey sc
8504	428627	102678	16.2	18.3 sandstone br
8505	428628	102678	18.3	21.3 sandstone & s
8506	428629	102678	21.3	25.3 shale soft-me
8507	428630	102679	0	55.5 glacial till
8508	428631	102679	55.5	59.4 ss med soft w
8509	428632	102679	59.4	71.6 dk grey siltsto
8510	428633	102679	71.6	83.8 shale siltstone
8511	428634	102679	83.8	91.4 thin layers of s
8512	428635	102680	0	1.8 till
8513	428636	102680	1.8	9.4 shale
8514	428637	102680	9.4	10.1 ss grey brown
8515	428638	102680	10.1	18.9 medium hard
8516	428639	102680	18.9	29 shale fracture
8517	428640	102681	0	2.4 overburden
8518	428641	102681	2.4	4.6 coarse gravel
8519	428642	102681	4.6	5.2 coarse gravel

8520	428643	102681	5.2	12.2 coarse-extra c
8521	74131	102682	0	11 till silty brown
8522	74132	102682	11	11.6 shale
8523	74133	102682	11.6	19.8 shale fracture
8524	74134	102682	19.8	29 shale fractur
8525	74135	102682	29	35.1 shale
8526	74136	102684	0	3.7 broken shale
8527	74137	102684	3.7	19.8 shale
8528	74138	102684	19.8	29 shale, some fi
8529	74139	102684	29	54.9 shale, with str
8530	428673	102685	0	5.5 unknown
8531	428674	102685	5.5	9.1 gravel w/ clay
8532	428675	102685	9.1	79.2 silt
8533	428676	102685	79.2	82.3 sandy silt quic
8534	428677	102685	82.3	108.2 silt
8535	428678	102685	108.2	116.7 sandy silt quic
8536	428679	102686	0	11.3 shale & fine s:
8537	428680	102686	11.3	16.8 bentonitic sha
8538	428681	102686	16.8	18.3 ss gry & bl
8539	428682	102686	18.3	27.4 shale bl & gre
8540	428683	102686	27.4	29 ss grey med fi
8541	428684	102686	29	34.1 shale bl w/ fin
8542	428685	102686	34.1	36.6 sh gry benton
8543	428686	102686	36.6	51.8 sh dk grey
8544	428687	102686	51.8	54.9 ss layered w/
8545	428688	102686	54.9	67.1 ss grey & brn
8546	428689	102686	67.1	76.2 ss s & p   lost
8547	428690	102686	76.2	146.3 shale w/ a few
8548	428691	102687	0	42.7 shale dry hol
8549	428692	102688	0	4.6 light grey clay
8550	428693	102688	4.6	15.8 med grey clay
8551	428694	102688	15.8	29 med grey silt
8552	428695	102690	0	8.5 clay & gravel
8553	428696	102690	8.5	32.9 till (clay & bro)
8554	428697	102690	32.9	53.3 shale medium
8555	428708	102693	0	0.6 topsoil
8556	428709	102693	0.6	22.6 till clay small p
8557	428710	102693	22.6	23.5 broken bedroc
8558	428711	102693	23.5	25.9 ss med grey
8559	428712	102693	25.9	27.4 shale
8560	428713	102693	27.4	29.9 ss shale layer
8561	428714	102694	0	19.8 till

8562	428715	102694	19.8	61 mudstone gre
8563	428716	102694	61	79.2 shale brown to
8564	428717	102694	79.2	88.4 shale brown-g
8565	428718	102695	0	16.8 glacial till
8566	428719	102695	16.8	54.9 shale med & s
8567	428720	102695	54.9	79.2 shale w/ a few
8569	428722	102695	82.3	84.4 shale
8570	428723	102696	0	1.5 clay grey
8571	428724	102696	1.5	2.4 sandstone
8572	428725	102696	2.4	4.6 shale sandy g
8573	428726	102696	4.6	28 sandstone 2
8574	428727	102696	28	28.7 dark brown sa
8575	428728	102696	28.7	29.9 med grey sha
8576	428729	102697	0	29.9 clay
8577	428730	102697	29.9	42.7 till grey
8578	428731	102699	0	1.5 soft sticky clay
8579	428732	102699	1.5	3 till
8580	428733	102699	3	10.7 soft ss brown
8581	428734	102699	10.7	16.8 shale w/ layer
8582	428735	102699	16.8	24.4 ss layers of st
8583	428736	102699	24.4	26.5 ss some lense
8584	428737	102699	26.5	27.7 ss med grey
8585	428738	102699	27.7	29 shale ss lense
8586	428739	102699	29	31.4 ss fine dark
8587	74142	102700	0	13.7 till
8588	74143	102700	13.7	85.3 shale grey 0.
8589	74144	102700	85.3	99.1 shale
8590	428740	102701	0	5.5 topsoil
8594	428744	102701	42.7	79.2 liquid sand
8595	428745	102701	79.2	91.4 clay
8596	428746	102701	91.4	93.9 clay
8597	428747	102701	93.9	94.5 gravel
8598	74145	102702	0	7 med grey clay
8599	74146	102702	7	28 shale grey m:
8600	74147	102702	28	30.8 light grey shal
8601	74148	102702	30.8	36.3 shale grey
8602	74149	102703	0	6.7 sand, coarse
8603	74150	102703	6.7	10.1 shale fractur
8604	74151	102703	10.1	12.2 shale
8605	428748	102704	0	14.3 clay till
8606	428749	102704	14.3	24.1 clay - soft sha
8607	428750	102704	24.1	29.6 shale & sands

8608	74152	102705	0	8.5 clay
8609	74153	102705	8.5	42.7 shale, med lig
8610	74154	102705	42.7	44.8 sandstone gr
8611	74155	102705	44.8	49.4 shale grey
8612	74156	102705	49.4	50.6 sandstone gr
8613	74157	102705	50.6	54.9 shale grey
8614	428751	102706	0	6.7 clay dry
8615	428752	102706	6.7	15.8 soft ss br light
8616	428753	102706	15.8	18 sandy br ss   t
8617	428754	102706	18	22.9 shale
8618	428755	102707	0	1.5 fill
8619	428756	102707	1.5	7.6 clay till w/ laye
8620	428757	102707	7.6	16.8 clay till w/ bou
8621	428758	102707	16.8	30.5 sandstone w/
8622	428759	102707	30.5	42.7 lost circulatio
8623	324260	102709	0	3.7 sand & gravel
8624	324261	102709	3.7	5.5 sand & med-c
8625	428762	102710	0	13.1 bouldery till si
8626	428763	102710	13.1	39 shale med ha
8627	428764	102710	39	53.3 shale some f
8628	324262	102711	0	3.7 silt & clay bro
8629	324263	102711	3.7	47.2 clay & silt blue
8630	324264	102711	47.2	63.4 silt some clay
8631	324265	102711	63.4	66.1 clay
8632	324266	102711	66.1	71.6 sand some pe
8633	324267	102711	71.6	72 clay
8634	428765	102712	0	2.4 till bouldery
8635	428766	102712	2.7	3.4 shale meduim
8636	428767	102712	3.4	5.2 ss grey very h
8637	428768	102712	5.2	7.3 shale
8638	428769	102712	7.3	7.6 coal
8639	428770	102712	7.6	20.1 shale with ss :
8640	428771	102712	20.1	21.9 coal
8641	428772	102712	21.9	40.8 shale with har
8642	428773	102712	40.8	43 coal
8643	428774	102712	43	50.3 shale
8644	428775	102713	0	10.4 clay till boulde
8645	428776	102713	10.4	26.2 shale with sm
8646	428777	102713	26.2	91.4 shale fractur
8647	428790	102715	0	4.3 till blue
8648	428791	102715	4.3	7 till brown
8649	428792	102715	7	18.6 shale



8650	428793	102715	18.6	18.9 sandstone
8651	428794	102715	18.9	33.5 shale
8652	428795	102715	33.5	34.1 sandstone gr
8653	428796	102715	34.1	54.9 shale
8654	428797	102715	54.9	82.9 sandstone gre
8657	428800	102716	27.4	42.7 shale fracture
8658	428801	102716	42.7	48.8 shale
8659	428802	102717	0	17.1 clay
8660	428803	102717	17.1	21.9 clay with grav
8661	428804	102717	21.9	61.6 shale with sar
8662	428805	102717	61.6	98.8 sandstone me
8663	428806	102717	98.8	105.2 shale
8664	428807	102718	0	3 till
8665	428808	102718	3	10.7 shale, layers c
8666	428809	102718	10.7	16.5 shale grey
8667	428810	102718	16.5	17.7 sandstone br
8668	428811	102718	17.7	21.3 shale grey
8669	428812	102718	21.3	25 sandstone dai
8670	428813	102718	25	34.1 shale, sandy,
8671	428814	102718	34.1	35.4 sandstone gr
8672	428815	102718	35.4	46.9 shale grey
8673	428816	102718	46.9	48.2 sandstone gr
8674	428817	102718	48.2	50.3 sandstone wit
8675	428818	102718	50.3	53.9 shale, lt grey
8676	428819	102718	53.9	60 shale grey nc
8677	428820	102719	0	4.9 clay brown
8678	428821	102719	4.9	24.4 clay silt grey c
8679	428822	102719	24.4	33.5 clay silt w/ sar
8680	428823	102719	33.5	47.9 clay w/ coarse
8681	428824	102719	47.9	88.7 med grey sha
8682	74158	102720	0	6.1 glacial till clay
8683	74159	102720	6.1	18.9 glacial till with
8684	74160	102720	18.9	36.6 siltstone med
8685	74161	102720	36.6	61 shale med ha
8686	428825	102722	0	2.4 glacial till
8687	428826	102722	2.4	7.9 sand w/ clay
8688	428827	102722	7.9	35.1 ss layered me
8689	428828	102722	35.1	53.3 shale w/ layer
8690	428829	102722	53.3	61 ss layered finc
8691	428830	102722	61	64 siltstone med
8692	428831	102722	64	67.1 ss s & p med
8693	428832	102722	67.1	71.9 layered siltsto

8694	428833	102723	0	0.3 loam black
8695	428834	102723	0.3	2.7 clay till some
8696	428835	102723	2.7	5.2 shale
8697	428836	102723	5.2	5.5 ss   grey 3 gp
8698	428837	102723	5.5	11 shale med gre
8699	428838	102723	11	14.6 shale med be
8700	428839	102723	14.6	15.5 ss gry fine dirt
8701	428840	102723	15.5	19.2 shale grey bla
8702	428841	102723	19.2	23.2 ss grey black
8703	428842	102723	23.2	25 shale black m
8704	428843	102723	25	25.6 shale
8705	428844	102723	25.6	26.2 ss grey black
8706	428845	102723	26.2	26.8 shale
8707	428846	102723	26.8	28 ss   grey
8708	428847	102723	28	33.5 shale black s
8709	428848	102723	33.5	37.5 shale ben me
8710	428849	102723	37.5	40.8 ss   fine
8711	428850	102723	40.8	48.5 shale black
8712	428851	102723	48.5	50.6 ss   fractured
8713	428852	102723	50.6	52.4 shale black
8714	428853	102723	52.4	57.9 ss grey med f
8715	428854	102723	57.9	68.6 shale
8716	428855	102723	68.6	75.3 ss   fine black
8717	428856	102723	75.3	88.4 shale med ha
8718	428857	102723	88.4	92.4 ss   grey 14 g
8719	428858	102723	92.4	96 shale
8720	428859	102724	0	3 clay brown
8721	428860	102724	3	6.1 ss boulder gla
8722	428861	102724	6.1	38.1 glacial till harc
8723	428862	102724	38.1	41.1 glacial till, ss c
8724	428863	102724	41.1	42.7 ss particles   r
8725	428864	102725	0	2.4 clay silty
8726	428865	102725	2.4	4.6 sandy silt sorr
8727	428866	102725	4.6	6.1 med coarse s
8728	428867	102725	6.1	9.1 clay w/ gravel
8729	428868	102725	9.1	25.9 clay w/ pebble
8730	428869	102725	25.9	27.4 clay w/ ss & s
8731	428870	102725	27.4	27.7 ss med fine br
8732	428871	102725	27.7	29 shale med sof
8733	428872	102725	29	29.9 ss med coars
8734	428873	102725	29.9	31.4 ss s & p hard
8735	428874	102725	31.4	35.1 ss med coars

8736	428875	102725	35.1	38.1 shale
8737	428876	102725	38.1	38.7 ss med coarse
8738	428877	102725	38.7	47.2 shale w/ siltst
8739	428878	102726	0	3 clay with grav
8740	428879	102726	3	7.6 gravel with cl
8741	428880	102726	7.6	17.7 gravel with sa
8742	428881	102726	17.7	32.3 med gravel wi
8743	428882	102726	32.3	34.7 fine sand & a
8744	428883	102726	34.7	35.4 sand, gravel
8745	428884	102726	35.4	36 med gravel wi
8746	428885	102726	36	37.5 fine ss & silst
8747	428886	102727	0	42.1 glacial till
8748	428887	102727	42.1	43 broken shale
8749	428888	102727	43	46.3 shale
8750	428889	102727	46.3	47.2 shale & siltsto
8751	428890	102727	47.2	56.4 shale with silt
8752	428891	102727	56.4	59.4 ss   grey maki
8753	428892	102727	59.4	61 shale
8754	428893	102728	0	9.1 clay till
8755	428894	102728	9.1	10.4 sandstone da
8756	428895	102728	10.4	29.9 shale grey w/
8757	428900	102730	0	13.1 sandy clay wit
8758	428901	102730	13.1	14.3 shale sandy
8759	428902	102730	14.3	16.5 sand stone bc
8760	428903	102730	16.5	57 sandy clay & (
8761	428904	102730	57	58.2 sand
8762	428905	102730	58.2	58.5 clay grey
8763	428906	102730	58.5	59.1 shale brown
8764	428907	102730	59.1	59.7 sandstone
8765	428908	102730	59.7	65.5 shale
8766	428909	102730	65.5	69.2 sandstone
8767	428913	102732	0	4.9 clay
8768	428914	102732	4.9	7.3 shale
8769	428915	102732	7.3	9.8 ss brown dirty
8770	428916	102732	9.8	13.1 shale
8771	428917	102732	13.1	16.5 ss brown   3 g
8772	428918	102732	16.5	20.4 shale
8773	428919	102732	20.4	24.4 ss
8774	428920	102732	24.4	71.6 shale
8775	428921	102732	71.6	76.8 ss grey soft fir
8776	428922	102732	76.8	103.6 shale
8777	428923	102733	0	21.3 silt with fine s

8778	428924	102733	21.3	70.1 gravel & sand
8779	428925	102733	70.1	117.3 siltstone
8780	428926	102734	0	18.3 till
8781	428927	102734	18.3	27.4 shale bentonit
8782	428928	102734	27.4	28 sandstone br
8783	428929	102734	28	28.7 shale
8784	428930	102734	28.7	29 sandstone da
8785	428931	102734	29	29.6 shale
8786	428932	102734	29.6	31.7 sandstone
8787	428933	102734	31.7	33.5 sandstone gr
8788	428934	102734	37.8	117.7 sandstone
8789	428935	102735	0	3.7 till brown
8790	428936	102735	3.7	12.8 sandstone, br
8791	428937	102735	12.8	17.1 shale, grey, r
8792	428938	102736	0	6.1 sand gravel
8793	428939	102736	6.1	13.7 sand & clay
8794	428940	102736	13.7	47.2 sandstone w
8795	428941	102736	47.2	56.4 shale
8796	74162	102738	0	7.3 clay
8797	74163	102738	7.3	25.9 shale grey
8798	74164	102738	25.9	26.8 sandstone br
8799	74165	102738	26.8	31.7 shale grey
8800	74166	102738	31.7	32 sandstone gr
8801	74167	102738	32	39.9 shale grey
8802	74168	102738	39.9	44.8 sandstone, gr
8803	74169	102738	44.8	64 shale grey
8804	74170	102738	64	64.6 sandstone gr
8805	74171	102738	64.6	68.6 shale grey
8806	74172	102738	68.6	69.8 sandstone br
8807	74173	102738	69.8	92.7 shale grey
8808	428949	102739	0	4.9 light sandy ov
8809	428950	102739	4.9	11.6 clay
8810	428951	102739	11.6	14.9 clay/shale
8811	428952	102739	14.9	16.8 till blue
8812	428953	102739	16.8	18 sandstone fra
8813	428954	102739	18	21.3 sandstone gr
8814	428955	102739	21.3	22.9 sandstone 6
8815	428956	102739	22.9	28.7 shale
8817	428958	102740	3.4	37.8 fine grain ss v
8818	428959	102741	0	6.1 clay till with sc
8819	428960	102741	6.1	9.4 till, clay with g
8820	428961	102741	9.4	23.8 shale med gre

8821	428962	102742	0	0.3 topsoil
8822	428963	102742	0.3	9.1 ss soft w/ very
8823	428964	102742	9.1	19.8 shale layered
8824	428965	102742	19.8	21 ss fine br laye
8825	428966	102742	21	23.5 shale soft w/ s
8826	428967	102742	23.5	24.1 ss soft brown
8827	428968	102742	24.1	27.4 shale med to i
8828	428969	102742	27.4	32 shale med sof
8830	428971	102743	4.3	6.1 clay till
8831	428972	102743	6.1	10.1 sand & gravel
8832	428973	102743	10.1	21.3 clay
8833	428974	102743	21.3	36.6 vine grain ss v
8835	74175	102744	2.7	13.1 shale
8836	74176	102744	13.1	14 ss   brown 1 g
8837	74177	102744	14	47.2 shale bentonit
8838	74178	102744	47.2	73.2 ss blue grey n
8839	74179	102744	73.2	125.9 shale black
8840	74180	102744	125.9	129.2 ss   fine 2 gp
8841	74181	102744	129.2	169.2 shale
8842	428975	102745	0	18.9 glacial till
8843	428976	102745	18.9	26.5 ss & shale lay
8844	428977	102745	26.5	38.1 shale grey
8845	428978	102745	38.1	39.6 ss med hard c
8846	428979	102745	39.6	50.3 shale grey
8847	428980	102745	50.3	53 ss grey med t
8848	428981	102745	53	56.4 shale
8849	428982	102745	56.4	62.5 ss fine w/ sh l
8850	428983	102745	62.5	66.4 ss med
8851	428984	102745	66.4	79.2 sh & fine ss la
8852	428985	102745	79.2	94.5 ss s & p med
8853	428986	102745	94.5	97.5 ss s & p w/ sh
8854	324270	102746	0	12.2 sand brown
8855	324271	102746	12.2	24.4 sand with silt
8856	324272	102746	24.4	27.4 sand with silt
8857	324273	102746	27.4	36.6 clay grey
8858	324274	102746	36.6	68.3 sand grey with
8859	324275	102746	68.3	73.8 gravel med cc
8860	428987	102747	0	3.7 clay silty
8861	428988	102747	3.7	39.6 glacial till stick
8862	428989	102747	39.6	41.1 glacial till boul
8863	428990	102747	41.1	61 glacial till stick
8864	428991	102747	61	67.1 silt & fine sanc

8865	428992	102747	67.1	70.1 clay w/ silt & f
8866	428993	102747	70.1	78.6 glacial till w/ s
8867	428994	102747	78.6	79.2 till ss & shale
8868	428995	102747	79.2	82.3 silty clay & till
8869	428996	102747	82.3	100.6 clay silty
8870	428997	102747	100.6	102.4 shale & ss pa
8871	428998	102747	102.4	106.1 ss grey med
8872	428999	102747	106.1	109.7 shale
8873	429000	102748	0	3 glacial till
8874	429001	102748	3	6.1 shale
8875	429002	102748	6.1	18.3 shale with lay
8876	429003	102748	18.3	18.6 ss black med
8877	429004	102748	18.6	24.1 shale with ss
8878	429005	102748	24.1	24.4 ss   fine browr
8879	429006	102748	24.4	27.4 shale black m
8880	429007	102748	27.4	28.3 ss bl saturate
8881	429008	102748	28.3	32 shale bl with k
8882	429009	102748	32	42.1 shale grey sof
8883	429010	102748	42.1	42.4 ss   brown
8884	429011	102748	42.4	42.7 ss grey med s
8885	429012	102748	42.7	60.4 shale layered
8886	429013	102748	60.4	61 ss fine med h
8887	429014	102748	61	64 ss med med s
8888	429015	102748	64	65.5 shale & siltsto
8889	429016	102748	65.5	71.6 ss med to fine
8890	429017	102749	0	0.6 pit run fill
8891	429018	102749	0.6	5.5 sand fine & m
8892	429019	102749	5.5	51.2 clay till some
8893	429020	102749	51.2	121.9 shale no wat
8894	429021	102750	0	4.3 till
8895	429022	102750	4.3	18.9 sandstone w/
8896	429023	102750	18.9	28.7 shale sandy b
8897	429024	102750	28.7	32.9 sandstone fra
8898	429025	102750	32.9	42.7 shale
8899	429026	102751	0	40.2 clay till
8900	429027	102751	40.2	54.3 shale w/ sand
8901	429028	102751	54.3	80.5 sandstone br
8902	429029	102751	80.5	91.4 shale & sands
8905	429032	102752	33.5	44.2 clay till
8906	429033	102752	44.2	51.8 till with clay
8907	429034	102752	51.8	82.3 clay till with si
8908	429035	102752	82.3	109.7 shale

8909	429036	102753	0	8.5 till brown
8910	429037	102753	8.5	9.4 sandstone br
8911	429038	102753	9.4	11 sandstone gr
8912	429039	102753	11	27.4 shale grey br
8913	429040	102753	27.4	73.2 shale, some s
8914	429041	102754	0	10.7 clay
8915	429042	102754	10.7	15.2 bedrock, brok
8916	429043	102754	15.2	35.1 sandstone, ha
8917	429044	102754	35.1	38.1 shale
8918	429045	102754	38.1	39.6 sandstone
8919	429046	102754	39.6	50.3 shale
8920	429047	102754	50.3	51.2 sandstone, gr
8921	429048	102754	51.2	57 interbedded, s
8922	429049	102755	0	3.4 till dry
8923	429050	102755	3.4	20.4 saturated glac
8924	429051	102755	20.4	23.8 soft shale w/ f
8925	429052	102755	23.8	35.7 med soft shal
8926	429053	102756	0	8.2 brown silty cla
8927	429054	102756	8.2	10.1 shale black
8928	429055	102756	10.1	14 shale grey
8929	429056	102756	14	15.2 shale brown
8930	429057	102756	15.2	18.9 sandstone fin
8931	429058	102756	18.9	22.9 shale grey
8932	429059	102756	22.9	23.8 shale yellow
8933	429060	102756	23.8	27.1 sandstone w
8935	74182	102758	0	2.4 clay
8936	74183	102758	2.4	25.9 shale
8937	429062	102759	0	3.4 clay
8938	429063	102759	3.4	6.7 sandy till som
8939	429064	102759	6.7	14 clay till
8940	429065	102759	14	15.2 sand gravel &
8941	429066	102759	15.2	29.6 gravel
8942	429067	102759	29.6	48.8 shale
8943	74184	102760	0	17.7 till
8944	74185	102760	17.7	25.6 shale
8945	324277	102761	0	3 topsoil silty
8946	324278	102761	3	11.6 gravel & med
8947	429068	102762	0	3.7 clay
8948	429069	102762	3.7	33.5 shale
8949	429070	102762	33.5	91.4 shale with sar
8951	429072	102763	1.8	2.4 bearing soft cl
8952	429073	102763	2.4	14.6 soft med grey

8953	429074	102763	14.6	18.3 swelling med
8954	429075	102763	18.3	21.9 clay grey
8955	429076	102763	21.9	34.7 grey clay w/ s
8956	429077	102763	34.7	35.1 med-sm grave
8957	429078	102763	35.1	55.2 med gray clay
8958	429079	102764	0	2.4 silt
8959	429080	102764	2.4	6.7 med coarse g
8960	429081	102764	6.7	8.2 fine sand with
8961	429082	102764	8.2	13.4 sandy till with
8962	429083	102764	13.4	15.2 med fine grav
8963	429084	102764	15.2	18.3 silty till with gr
8964	429085	102765	0	1.8 sandy light gr
8965	429086	102765	1.8	5.8 sandy med gr
8966	429087	102765	5.8	18.6 dark grey clay
8967	74186	102766	32	53.6 shale
8968	429088	102767	0	4 sand & silt
8969	429089	102767	4	14.9 clay, silt
8970	429090	102767	14.9	61 clay, silt, fine :
8971	429091	102767	61	85.6 clay silty satu
8972	429092	102767	85.6	85.8 stringer of gra
8973	429093	102767	85.8	91.7 clay sandy
8974	429094	102767	91.7	97.5 silty clay, hea
8975	429095	102768	0	3 clay sandy
8976	429096	102768	3	5.5 clay
8977	429097	102768	5.5	52.4 till gravelly
8978	429098	102768	52.4	65.5 shale bentonit
8979	429099	102768	65.5	66.8 ss brown
8980	429100	102768	66.8	73.2 shale bentonit
8981	429101	102769	0	6.1 clay brown
8982	429102	102769	6.1	23.8 till blue
8983	429103	102769	23.8	25 layers of brow
8984	429104	102769	25	41.1 very soft shak
8985	429105	102769	41.1	41.8 sandstone br
8986	429106	102769	41.8	44.2 shale
8987	429107	102769	44.2	45.4 shale
8988	429108	102770	0	10.4 till bouldery
8989	429109	102770	10.4	55.8 shale, grey, h:
8990	324279	102771	0	2.4 silt with clay
8991	324280	102771	2.4	11.6 med sand & g
8992	324281	102771	11.6	14 med-coarse g
8993	324282	102771	14	14.9 med-coarse g
8994	429110	102772	0	19.8 glacial till-clay



8995	429111	102772	19.8	25.9 gravel
8996	429112	102772	25.9	54.9 glacial till clay
8997	429113	102772	54.9	64.3 silty clay w/ fir
8998	429114	102772	64.3	65.2 sand med to v
8999	429115	102772	65.2	65.5 clay silty
9000	429116	102772	65.5	68.3 silt w/ some cl
9001	429117	102772	68.3	71.6 silt & sand blk
9002	429118	102772	71.6	77.7 silty clay w/ sa
9003	429119	102772	77.7	82.9 silty clay w/ si
9004	429120	102772	82.9	83.2 gravel w/ sanc
9005	429121	102772	83.2	84.4 sand med fine
9006	429122	102772	84.4	85 gravel w/ sanc
9007	429123	102772	85	86.9 sand w/ some
9008	429124	102772	86.9	87.5 ss fine soft
9009	429125	102772	87.5	88.1 shale
9010	429126	102773	0	32.9 till
9011	429127	102773	32.9	34.1 shale
9012	429128	102773	34.1	34.7 sandstone me
9013	429129	102773	34.7	37.2 shale
9014	429130	102773	37.2	41.1 sandstone me
9015	74187	102774	0	11.3 glacial till
9016	74188	102774	11.3	13.4 ss   brown
9017	74189	102774	13.4	22.9 shale with a fe
9018	74190	102774	22.9	29 shale grey
9019	74191	102774	32	32.6 ss   fine grey
9020	74192	102774	32.6	38.7 shale & slst la
9021	74193	102774	38.7	40.2 ss fine grey w
9022	74194	102774	40.2	48.8 shale with ss
9023	74195	102774	48.8	50.3 ss s & p
9024	74196	102774	50.3	51.8 brownish grey
9025	74197	102774	51.8	53.6 ss s & p
9026	74198	102774	53.6	54.9 brownish grey
9027	74199	102774	54.9	57.9 shale with lay
9028	74200	102774	57.9	58.8 ss s & p
9029	74201	102774	58.8	60.4 shale grey & t
9030	429131	102775	0	15.2 till silty
9031	429132	102775	15.2	33.5 clay grey
9032	429133	102775	33.5	50.9 shale grey m:
9033	429134	102775	50.9	51.2 sandstone gr
9034	429135	102775	51.2	118.9 shale grey m:
9035	429136	102775	118.9	143.3 sandstone wh
9036	429137	102775	143.3	148.1 shale grey

9037	74202	102776	0	11.3 glacial till
9038	74203	102776	11.3	13.4 ss   brown
9039	74204	102776	13.4	30.5 shale with ss
9040	74205	102776	30.5	48.8 siltstone with :
9041	74206	102776	48.8	49.7 ss grey med f
9042	74207	102776	49.7	53 ss brownish g
9043	74208	102776	53	54.9 ss s & p   1.5 :
9044	74209	102776	54.9	77.4 shale & slst la
9045	74210	102776	77.4	78.3 ss   fine
9046	74211	102776	78.3	89.9 shale with ss
9047	74212	102776	89.9	93 ss brownish g
9048	74213	102776	93	99.1 ss s & p med
9049	74214	102776	99.1	103.6 ss brownish g
9050	74215	102776	103.6	121.3 shale & slst la
9051	429138	102777	0	4.9 clay w/ some
9052	429139	102777	4.9	17.7 shale med da
9053	429140	102777	17.7	18.3 sandstone br
9054	429141	102777	18.3	42.7 shale w/ a few
9055	429142	102778	0	42.1 clay
9056	429143	102778	42.1	44.2 shale
9057	429144	102778	44.2	73.2 ss
9058	429145	102778	73.2	89.6 shale
9059	429146	102779	0	0.6 till
9060	429147	102779	0.6	3.7 soft to meduir
9061	429148	102779	3.7	7.9 shale medium
9062	429149	102779	7.9	11.3 ss brown med
9063	429150	102779	11.3	13.1 shale
9064	429151	102779	13.1	19.5 ss meduim ha
9065	429152	102779	19.5	21 shale
9066	429153	102779	21	27.7 ss brown med
9067	429154	102779	27.7	29 shale
9068	429155	102780	0	4.9 clay with sanc
9069	429156	102780	4.9	11 clay dry browr
9070	429157	102780	11.3	13.7 till brown
9071	429158	102780	13.7	14.6 till blue
9072	429159	102780	14.6	16.5 blue till with si
9073	429160	102780	16.5	20.7 med gravel sc
9076	429163	102781	0	6.1 sand grey cla
9077	429164	102781	6.1	10.7 clay grey
9078	429165	102781	10.7	13.1 grey clay with
9079	429166	102781	13.1	16.2 sandstone
9080	429167	102782	0	8.2 till

9081	429168	102782	8.2	11.9 shale, sandy,
9082	429169	102782	11.9	16.8 shale, sandst
9083	74216	102783	0	6.7 sand fine
9084	74217	102783	6.7	28 med coarse g
9085	74218	102783	28	29.6 med-coarse g
9086	74219	102783	29.6	30.8 till
9087	74220	102783	30.8	51.5 silt w/ clay lay
9088	74221	102783	51.5	53.3 sandstone fra
9089	429170	102784	0	15.2 clay grey
9090	429171	102784	15.2	25.9 shale with sor
9091	429172	102784	25.9	36.6 sandstone br
9092	429173	102784	36.6	58.8 shale grey
9093	429174	102784	58.8	62.2 sandstone gr
9094	429175	102784	62.2	64 sandstone ce
9095	429176	102784	64	74.1 sandstone gr
9096	74222	102785	0	32.6 till - clay & silt
9097	74223	102785	32.6	36.9 shale - med g
9098	74224	102785	36.9	41.5 sandstone br
9099	74225	102785	41.5	45.4 sandstone gre
9101	429177	102786	0	5.2 glacial till clay
9102	429178	102786	5.2	11.9 ss med fine m
9103	429179	102786	11.9	17.1 ss interbedde
9104	429180	102786	17.1	24.4 ss layered wit
9105	429181	102786	24.4	27.4 shale with ss l
9107	324284	102787	3.7	5.5 till w/ sand & r
9108	324285	102787	5.5	9.8 sand w/ med-
9109	324286	102787	9.8	11.6 med-coarse g
9110	429182	102788	0	9.4 clay, brown w
9111	429183	102788	9.4	11.9 clay grey
9112	429184	102788	11.9	18.9 shale, med gr
9113	429185	102788	18.9	23.8 sandstone gr
9114	324287	102789	0	2.4 sand silty
9115	324288	102789	2.4	4.9 small gravel c
9116	324289	102789	4.9	9.8 small-med gra
9117	324290	102789	9.8	12.2 small-large wa
9118	429186	102790	0	4.3 clay brown
9119	429187	102790	4.3	8.5 hard grey clay
9120	429188	102790	8.5	9.8 clay sandy br
9121	429189	102790	9.8	10.4 hard grey clay
9122	429190	102790	10.4	11.6 shale sandy
9123	429191	102790	11.6	12.2 wet sandy sha
9124	429192	102790	12.2	14.6 shale sandy b

9125	429193	102790	14.6	20.7 shale with mu
9126	429194	102790	20.7	21.9 mudstone gre
9127	429195	102790	21.9	22.9 black shale sa
9128	429196	102791	0	5.5 overburden
9129	429197	102791	5.5	27.4 layered ss sha
9130	429198	102791	27.4	94.5 shale with ss :
9131	74227	102792	0	8.2 light grey clay
9132	74228	102792	8.2	17.4 light grey shal
9133	74229	102792	17.4	27.4 shale grey to
9134	74230	102792	27.7	28.7 rock hard
9135	74231	102792	28.7	36 shale grey hit
9136	74232	102793	0	23.5 till sandy brow
9137	74233	102793	23.5	28.3 shale, sandy,
9138	74234	102793	28.3	29.6 sandstone 2
9139	74235	102793	29.6	34.7 shale sandy
9140	324291	102794	0	1.5 fill sand grave
9141	324292	102794	1.5	9.1 gravel silt sor
9142	324293	102794	9.1	12.2 gravel some s
9143	429199	102796	0	0.6 gravel
9144	429200	102796	0.6	22.3 clay grey
9145	429201	102796	22.3	41.8 shale & sands
9146	74236	102797	0	1.8 sandy clay & :
9147	74237	102797	1.8	7.6 clay grey
9148	74238	102797	7.6	11 light grey shal
9149	74239	102797	11	26.2 shale grey lo:
9150	429202	102798	0	2.4 silt
9151	429203	102798	2.4	6.1 glacial till (stic
9152	429204	102798	6.1	27.4 glacial till
9153	429205	102798	29.3	36.6 shale fracture
9154	429206	102798	36.6	42.7 med shale wit
9155	429207	102798	42.7	44.2 siltstone
9156	429208	102798	44.2	45.7 med hard fine
9157	429209	102798	45.7	47.2 med hard sha
9158	429210	102799	0	22.9 glacial till
9159	429211	102799	22.9	28 shale med blk
9160	429212	102799	28	28.7 ss med to me
9161	429213	102799	28.7	32 shale med ha
9162	429214	102799	32	33.5 ss med hard k
9163	429215	102800	0	0.9 fill
9164	429216	102800	0.9	6.7 ss med grain
9165	429217	102800	6.7	7.6 shale
9166	429218	102800	7.6	19.2 ss med grain

9167	429219	102800	19.8	24.4 shale
9168	429220	102801	0	1.8 clay
9169	429221	102801	1.8	12.8 sandstone br
9170	429222	102801	12.8	56.4 shale with sar
9171	429223	102801	56.4	70.7 sandstone, gr
9172	429224	102801	70.7	74.4 shale grey
9173	324302	102802	0	1.8 clay
9177	74240	102803	0	12.8 till, clay like
9178	74241	102803	12.8	15.8 shale
9179	74242	102803	15.8	18.3 ss fine grit
9180	74243	102803	18.3	20.7 shale
9181	74244	102803	20.7	22.6 ss med grit   v
9182	74245	102803	22.6	29 shale
9183	74246	102803	29	30.5 ss med grit
9184	324306	102804	0	17.7 till sandy brow
9185	324307	102804	17.7	22.9 till sandy med
9186	324308	102804	22.9	29.3 till sandy som
9187	324309	102804	29.3	31.4 med gravel w/
9188	429225	102805	0	4.9 clay silty
9189	429226	102805	4.9	15.8 gravel fine
9190	429227	102805	15.8	27.4 sand med with
9191	429228	102805	27.4	49.4 gravel med fir
9192	429229	102805	49.4	51.8 gravel, clay
9193	429230	102805	51.8	54.6 shale grey
9194	491255	102806	0	10.7 clay with som
9195	491256	102806	10.7	36.6 shale grey  s
9196	491257	102806	36.6	117.3 shale, med gr
9197	74252	102808	16.5	47.2 shale med gre
9198	74253	102808	47.2	70.1 sandstone gr
9199	74254	102808	70.1	92.7 shale grey nc
9200	429231	102809	0	4.6 clay with grav
9201	429232	102809	4.6	33.5 shale with roc
9202	429233	102809	33.5	48.8 sandstone gr
9203	429234	102809	48.8	79.2 shale grey
9204	429235	102809	79.2	95.1 sandstone gr
9205	429236	102809	95.1	142 shale grey
9206	429237	102810	0	19.8 till brown
9207	429238	102810	19.8	26.2 shale brown (
9208	429239	102810	26.2	26.5 shale w/ sear
9209	429240	102810	26.5	29.9 shale brown
9210	429241	102810	29.9	32 shale grey
9211	429242	102810	32	34.4 shale brown l

9212	74255	102811	0	8.2 till
9213	74256	102811	8.2	48.2 sandstone w/
9214	74257	102811	48.2	66.1 shale bentonit
9215	74258	102811	66.1	67.1 sandstone da
9216	74259	102811	67.1	96 sandstone w/
9217	74260	102811	96	97.5 sandstone lt g
9218	74261	102811	97.5	140.2 shale
9219	74262	102812	0	14.6 till, clay
9220	74263	102812	14.6	22.6 sandstone wit
9221	74264	102812	22.6	61 shale grey wit
9222	429243	102813	0	13.1 overburden
9223	429244	102813	13.1	18.3 shale 0.5 gp
9224	429245	102813	18.3	24.4 interspersed s
9225	429246	102813	24.4	29.9 shale
9226	429247	102813	29.9	30.8 sandstone
9227	429248	102813	30.8	36.9 shale
9228	429249	102813	36.9	37.5 sandstone fr
9229	429250	102813	37.5	45.4 shale
9230	179515	102814	0	2.7 med find grav
9231	179516	102814	2.7	8.5 med gravel wi
9232	74265	102815	0	17.1 till bouldery
9233	74266	102815	17.1	65.5 layered hard &
9234	324310	102816	0	0.3 gravel
9235	324311	102816	0.3	0.6 sand brown
9236	324312	102816	0.6	18.6 till
9237	324313	102816	18.6	20.4 sand fine-mec
9238	324314	102816	20.4	21 clay
9239	429258	102818	0	3.7 clay & some fi
9240	429259	102818	3.7	9.1 sand & some
9241	429260	102818	9.1	39.6 glacial till clay
9242	429261	102818	39.6	48.8 glacial till - cla
9243	429262	102818	48.8	51.8 clay w/ hard s
9244	429263	102818	51.8	61 clay w/ ss & s
9245	429264	102818	61	62.2 soft shale w/ t
9246	429265	102818	62.2	64 ss fine grey   t
9247	429266	102818	64	67.1 very fine grey
9248	429267	102818	67.1	68.6 ss   grey
9249	429268	102818	68.6	69.2 shale
9250	429269	102818	69.2	72.8 ss med hard
9251	429270	102818	72.8	74.7 shale
9252	429271	102818	74.7	76.2 ss dk grey me
9253	429272	102818	76.2	77.7 ss dk grey har

9254	429273	102818	77.7	78.6 siltstone blac
9255	429274	102818	78.6	82.9 ss grey w/ sha
9256	429275	102818	82.9	87.8 ss brown med
9257	429276	102818	87.8	91.4 ss   grey
9258	429277	102818	91.4	96 ss   brown
9259	429278	102818	96	97.5 ss brownish g
9261	74268	102819	2.7	10.4 sandstone br
9262	74269	102819	10.4	18.3 shale grey
9263	74270	102819	18.3	36.6 sandstone br
9264	74271	102819	36.6	42.7 shale med ha
9265	74272	102819	42.7	50.6 sandstone gr
9266	74273	102819	50.6	57.9 shale med ha
9267	74274	102819	57.9	77.7 sandstone blu
9268	429279	102820	0	62.5 till clay grey w
9269	429280	102820	62.5	80.8 shale med gre
9270	324315	102821	0	6.1 soil sandy
9271	324316	102821	6.1	18.3 sand clay
9272	324317	102821	18.3	38.1 blue clay w/ s
9273	324318	102821	38.1	44.2 sand silt w/ cl
9274	324319	102821	44.2	53.3 coarse gravel
9275	324320	102821	53.3	57.9 sand w/ clay
9276	324321	102821	57.9	63.1 med-coarse g
9277	324322	102821	63.1	64.3 med-coarse g
9278	324323	102822	0	8.5 sand & gravel
9279	324324	102822	8.5	15.5 sand silt w/ cl
9280	324325	102822	15.5	17.4 med-coarse g
9281	74275	102823	0	2.7 clay & till
9282	74276	102823	2.7	11.3 shale grey
9283	74277	102823	11.3	32.3 sandstone br
9284	74278	102823	32.3	32.6 sandstone gr
9285	74279	102823	32.6	39.6 sandstone br
9286	74280	102823	39.6	40.8 sandstone br
9287	74281	102823	40.8	41.1 shale siltstone
9288	74282	102824	0	65.5 glacial till - cla
9289	74283	102824	65.5	70.1 shale black
9290	74284	102824	70.1	109.7 med soft shal
9291	74285	102824	109.7	129.5 shale black
9292	74286	102824	129.5	145.7 siltstone frac
9293	74287	102824	145.7	164.6 med hard sha
9294	74288	102825	0	4.3 gravel
9295	74289	102825	4.3	4.9 gravel w/ clay
9296	74290	102825	4.9	123.1 shale grey - tr

9297	324326	102826	0	9.1 clay silty   gre
9298	324327	102826	9.1	19.8 fine silty satur
9299	324328	102826	19.8	41.1 till grey
9300	324329	102826	41.1	42.1 sand finemed
9301	324330	102826	42.1	43.3 gravels fine cc
9302	324331	102827	0	9.8 sand fine
9303	324332	102827	9.8	46.3 dry gravel & fi
9304	324333	102827	46.3	51.8 clay & silt   blk
9305	324334	102827	51.8	103.6 silt & fine sanc
9306	324335	102828	0	0.9 clay
9307	324336	102828	0.9	2.4 gravel & sand
9308	324337	102828	2.4	3.4 sand hard cor
9309	324338	102828	3.4	4.4 till gravel & br
9310	429281	102829	0	10.7 clay brown
9311	429282	102829	10.7	13.7 sand dry
9312	429283	102829	13.7	21.3 gravel dry
9313	429284	102829	21.3	22.3 med gravel cc
9314	429285	102829	22.3	57.9 shale
9315	429286	102829	57.9	61.6 sandy shale
9316	429287	102829	61.6	62.2 shale w/ quart
9317	429288	102829	62.2	63.1 shale
9318	74291	102830	0	5.2 clay brown
9319	74292	102830	5.2	14.6 clay brown w/
9320	74293	102830	14.6	25 shale grey
9321	74294	102830	25	33.5 shale grey w/
9322	74295	102830	33.5	34.7 sandstone gr
9323	74296	102830	34.7	39.9 sandstone br
9324	324339	102831	0	0.6 clay
9325	324340	102831	0.6	4.6 gravel dry
9326	324341	102831	4.6	7.6 silt w/ gravel &
9327	324342	102831	7.6	13.7 gravel w/ silt &
9328	324343	102831	13.7	19.5 gravel mixed v
9329	324344	102831	19.5	20.7 gravel clean v
9330	74297	102832	0	12.5 clay grey brov
9331	74298	102832	12.5	14 shale med gre
9332	74299	102832	14	19.2 shale grey
9333	74300	102833	0	12.5 clay grey brov
9334	74301	102833	12.5	38.1 shale grey int
9335	74302	102833	38.1	46.3 sandstone gre
9336	74303	102833	46.3	73.2 shale grey
9337	74304	102833	73.2	93 sandstone gr
9338	74305	102833	93	98.8 shale grey



9339	74306	102834	0	21.9	till
9340	74307	102834	21.9	27.4	sandstone w/
9341	74308	102834	27.4	48.8	sandstone br
9342	74309	102835	0	28.3	glacial till clay
9343	74310	102835	28.3	29.3	sandstone
9344	74311	102835	29.3	32.3	med soft brow
9345	74312	102835	32.3	44.2	shale making
9346	74313	102835	44.2	47.2	med shale w/
9347	429289	102836	0	11	till sandy
9348	429290	102836	11	73.2	till blue
9349	429291	102836	73.2	90.8	till silty
9350	429292	102836	90.8	121.9	silt w/ sand   (
9351	324345	102837	0	14.6	gravel dry
9352	324346	102837	14.6	30.5	sand dry
9353	324347	102837	30.5	41.1	wet silt & fine
9354	324348	102837	41.1	43.6	sand 2 gpm
9355	324349	102837	43.6	61	silt & fine sand
9356	324350	102837	61	67.1	sand fine mal
9357	429293	102838	0	29	med grey soft
9358	429294	102838	29	35.7	med gray clay
9359	429295	102838	35.7	37.8	heavier sand
9360	429296	102839	0	3.7	clay brown
9361	429297	102839	3.7	6.4	sandy clay & g
9362	429298	102839	6.4	10.1	shale black
9363	429299	102839	10.1	14.6	shale hard gre
9364	429300	102839	14.6	15.2	shale soft black
9365	429301	102839	15.2	28.3	with thin hard
9366	429312	102841	0	8.8	till sandy brow
9367	429313	102841	8.8	9	broken sands
9368	429314	102842	0	4.6	glacial till clay
9369	429315	102842	4.6	6.1	shale med sof
9370	429316	102842	6.1	8.5	shale with ss l
9371	429317	102842	8.5	9.4	med soft fine :
9372	429318	102842	9.4	15.2	shale with me
9373	429319	102842	15.2	29	shale med sof
9374	429320	102842	29	30.5	fractured shal
9375	429321	102842	30.5	35.1	shale some sr
9376	429329	102845	0	2.4	clay glacial till
9377	429330	102845	2.4	5.5	hard dry clay
9378	429331	102845	5.5	9.1	shale soft
9379	429332	102845	9.1	9.4	ss hard fine
9380	429333	102845	9.4	11.6	shale grey be

9381	429334	102845	11.6	13.7 shale silty
9382	429335	102845	13.7	18 shale medium
9383	429336	102845	18	18.3 siltstone hard
9384	429337	102845	18.3	19.2 shale medium
9385	429338	102845	19.2	21.3 shale grey
9386	429339	102845	21.3	31.1 shale & siltsto
9387	429340	102845	31.1	38.7 shale bl & gre
9388	429341	102845	38.7	39.9 ss med fine gr
9389	429342	102845	39.9	42.1 shale black
9390	429343	102846	0	8.5 clay till
9391	429344	102846	8.5	10.4 shale soft bro
9392	429345	102846	10.4	11.6 ss grey mediu
9393	429346	102846	11.6	18 shale soft bro
9394	429347	102846	18	19.5 ss grey yellow
9395	429348	102846	19.5	28 shale black &
9396	429349	102846	28	32.9 ss grey mediu
9397	429350	102846	32.9	41.1 shale black &
9398	429351	102847	0	5.5 clay
9399	429352	102847	5.5	10.1 shale
9400	429353	102847	10.1	10.7 ss grey med g
9401	429354	102847	10.7	25.9 shales ss lens
9402	429355	102847	25.9	29 ss med grit ha
9403	429356	102847	29	39 shales dark m
9404	429357	102847	39	42.1 ss grey med g
9405	429358	102847	42.1	47.2 shale black m
9406	74314	102848	0	7.6 sandy clay m
9407	74315	102848	7.6	8.5 dark grey clay
9408	74316	102848	8.5	10.7 light grey clay
9409	74317	102848	10.7	15.5 clay medium g
9410	74318	102848	15.5	17.4 sandstone 5
9411	74319	102848	17.4	18.9 med grey sha
9412	74320	102848	18.9	28 med grey sha
9413	74321	102848	28	28.3 sandstone w
9414	74322	102848	28.3	29.9 shale medium
9415	74323	102848	29.9	33.5 light grey shal
9416	429359	102849	0	5.5 with organics
9417	429360	102849	5.5	17.7 silty sandy   til
9418	429361	102849	17.7	88.4 sticky clay like
9419	429362	102849	88.4	95.1 with sandston
9420	429363	102849	95.1	96.3 sandstone be
9421	429364	102849	96.3	99.1 sandstone gre
9422	429365	102849	99.1	102.1 shale dark sof

9423	429366	102850	0	3 open pit
9424	429367	102850	3	21.9 till
9425	429368	102850	21.9	22.6 sand
9426	429369	102850	22.6	27.4 till
9427	429370	102850	27.4	33.5 shale bedrock
9428	429371	102850	33.5	37.8 ss med grit ha
9429	429372	102850	37.8	42.1 ss fine grit gre
9430	429373	102850	42.1	48.8 ss med grit ha
9431	324351	102851	0	1.8 silt & sand   sa
9432	324352	102851	1.8	4.6 sand & gravel
9433	324353	102851	4.6	11.6 gravel with sa
9434	324354	102851	11.6	13.7 silty clay with
9435	324355	102851	13.7	18.3 gravel with sa
9436	324356	102851	18.3	20.4 well sorted gr
9438	429375	102852	4.3	5.5 loose caving s
9439	429376	102852	5.5	27.4 drk grey shale
9440	429377	102852	27.4	50.3 drk grey shale
9441	429378	102853	0	2.4 till
9442	429379	102853	2.4	3 ss med brown
9443	429380	102853	3	4 ss salt & pepp
9444	429381	102853	4	9.1 ss coarse bro'
9445	429382	102853	9.1	10.1 ss fine dirty
9446	429383	102853	10.1	11.9 shale
9447	429384	102853	11.9	16.2 shale sandy
9448	429385	102853	16.2	16.8 ss   making w
9449	429386	102853	16.8	18.3 ss fine grey di
9450	429387	102853	18.3	19.8 shale sandy
9451	429388	102853	19.8	21.3 silstone grey
9452	429389	102853	21.3	24.4 shale
9453	429390	102853	24.4	27.4 shale sandy
9454	429391	102853	27.4	28.3 ss grey fine   v
9455	429392	102853	28.3	30.5 shale
9456	429393	102855	0	6.1 gravel fill
9457	429394	102855	6.1	20.7 med grey clay
9458	429395	102855	20.7	40.2 med-dark gre
9459	429396	102855	40.2	59.4 dark grey clay
9460	429397	102855	59.4	71.6 dark grey clay
9461	429398	102855	71.6	72.5 caving sandy
9462	429399	102855	72.5	73.2 med grey clay
9463	429400	102855	73.2	112.2 dark grey clay
9464	429401	102855	112.2	114.6 med grey clay
9465	429402	102855	114.6	147.8 caving sandy

9466	429403	102856	0	4.9 clay till   grey
9467	429404	102856	4.9	22.9 med soft   sha
9471	429408	102857	45.7	48.8 shale & fine s
9472	429409	102857	48.8	53.9 ss med brown
9473	429410	102857	53.9	73.2 shale & ss lay
9474	429411	102857	73.2	76.2 ss med br & g
9475	429412	102857	76.2	78 shale & ss lay
9476	429413	102859	0	7.3 clay
9477	429414	102859	7.3	8.5 sandy till redis
9478	429415	102859	8.5	114 clay till some
9479	429416	102859	114	115.2 gravel w/ som
9480	429417	102859	115.2	116.1 clay & gravel
9481	429418	102859	116.1	117 gravel & some
9482	429419	102859	117	117.7 gravel & silty
9483	429420	102859	117.7	134.1 shale medium
9484	429421	102860	0	0.9 till
9485	429422	102860	0.9	3 ss   brown
9486	429423	102860	3	7.6 shale with ss
9487	429424	102860	7.6	13.4 shale grey
9488	429425	102860	13.4	14.9 ss brown med
9489	429426	102860	14.9	15.5 ss med & hard
9490	429427	102860	15.5	16.8 ss med grey &
9491	429428	102860	16.8	18.6 ss with shale
9492	429429	102860	18.6	21.3 shale
9493	429430	102860	21.3	27.4 shale
9494	429431	102860	27.4	36.6 shale darker &
9495	429432	102861	0	4.6 with sandy roc
9496	429433	102861	4.6	7.3 sandstone br
9497	429434	102861	7.3	11.9 v ery hard   sa
9498	429435	102861	11.9	25.3 sandstone br
9499	429436	102861	25.3	33.5 shale medium
9500	429437	102861	33.5	35.7 med grey san
9501	429438	102861	35.7	54.9 sandstone me
9502	429440	102863	0	1.8 clay
9503	429441	102863	1.8	10.4 clay sandy
9504	429442	102863	10.4	42.7 clay with som
9506	429444	102863	61	66.1 silt saturated
9507	429445	102863	66.1	66.8 till gravel with
9508	429446	102863	66.8	67.1 sandstone
9509	429447	102863	67.1	71 soft to mediur
9510	429448	102863	71	73.2 shale fracture
9511	429457	102866	0	6.1 clay brown

9512	429458	102866	6.1	10.1 clay, with sand
9513	429459	102866	10.1	24.4 shale, med gr
9514	429460	102867	0.6	16.8 till
9515	429461	102867	16.8	32.9 silty sand & gr
9516	429462	102867	32.9	84.1 150 sandstone
9517	429463	102867	84.1	95.1 blde grey sand
9518	429464	102867	95.1	115.8 shale
9519	429465	102867	115.8	147.8 blue grey sand
9520	429466	102868	0	10.4 till grey & brov
9521	429467	102868	10.4	54.9 shale grey w/
9522	429468	102869	0	1.8 till
9523	429469	102869	1.8	8.5 till gravelly
9524	429470	102869	8.5	10.7 med gravel w/
9525	429471	102869	10.7	22.9 clay silty wet
9526	429472	102869	22.9	23.2 med gravel w/
9527	429473	102869	23.2	23.8 med sand & g
9528	429474	102869	23.8	39 med gravel sa
9529	429475	102869	39	39.6 med gravel
9530	74327	102870	0	33.5 glacial till
9531	74328	102870	33.5	35.4 broken ss & s
9532	74329	102870	35.4	41.1 ss med fine   t
9533	74330	102870	41.1	41.8 shale
9534	429476	102871	12.2	16.8 soft brown sha
9535	429477	102871	16.8	35.1 shale grey thi
9536	429478	102872	0	10.7 gravel with cla
9537	429479	102872	10.7	13.1 sand med-coe
9538	429480	102872	13.1	19.8 quick sand
9539	429481	102872	19.8	20.4 gravel coarse
9540	74331	102873	0	0.9 fill
9541	74332	102873	0.9	4.6 clay brown 1'
9542	74333	102873	4.6	27.4 shale grey @
9543	429482	102874	0	9.4 till sandy
9544	429483	102874	9.4	19.8 sandstone br
9545	429484	102874	19.8	27.4 shale brown g
9546	429485	102874	27.4	45.7 shale w/ sand
9548	74335	102875	9.8	18.9 shale dry grey
9549	74336	102875	18.9	20.4 shale fracture
9550	74337	102875	20.4	29.6 shale
9551	429486	102876	0	0.9 clay
9552	429487	102876	0.9	21 sandstone br
9553	429488	102876	21	26.8 sandstone gr
9554	429489	102876	26.8	35.1 sandstone br

9555	429490	102877	0	3.7 gravel med cc
9556	429491	102877	3.7	7.3 clay sandy
9557	429492	102877	7.3	8.5 clay mxd with
9558	429493	102877	8.5	9.8 gravel makin
9559	324357	102878	0	2.4 clay mix with (
9560	324358	102878	2.4	6.7 sandstone
9561	324359	102878	6.7	12.5 clay mixed wit
9562	324360	102878	12.5	18.9 clay grey
9563	324361	102878	18.9	20.4 sandstone 6'
9564	324362	102878	20.4	22.6 clay grey
9565	324363	102878	22.6	24.4 sandstone
9566	324364	102878	24.4	25 clay grey
9567	324365	102878	25	26.8 light grey clay
9568	324366	102878	26.8	27.4 clay grey
9569	429494	102879	0	3.7 clay, grey/bro'
9583	429508	102883	0	1.2 glacial till
9584	429509	102883	1.2	6.1 ss layered me
9585	429510	102883	6.1	12.8 shale med sof
9586	429511	102883	12.8	27.4 ss layered har
9587	429512	102883	27.4	37.5 shale & silts l
9588	429513	102883	37.5	41.1 ss med hard c
9589	429514	102883	41.1	41.5 siltstone med
9590	429515	102884	0	4 till
9591	429516	102884	4	4.3 some rock   m
9592	429517	102884	4.3	6.4 till with rock
9593	429518	102884	6.4	10.4 clay with som
9594	429519	102885	0	39.6 till grey some
9595	429520	102885	39.6	41.1 till silty grey
9596	429521	102886	0	16.5 till
9597	429522	102886	16.5	21.3 shale
9598	429523	102886	21.3	47.2 sandstone wit
9599	429524	102886	47.2	48.2 coal
9600	429525	102886	48.2	50.3 sandstone
9601	429526	102886	50.3	52.7 sandstone wa
9602	429527	102886	52.7	97.5 shale with inte
9603	429528	102887	0	3.7 till
9604	429529	102887	3.7	5.8 till with large t
9605	429530	102887	5.8	6.7 clay with som
9606	429531	102888	0	7.9 till (clay broke
9607	429532	102888	7.9	73.2 shale medium
9608	429533	102889	0	14.6 silty till
9609	429534	102889	14.6	17.1 gravel dry me

9610	429535	102889	17.1	36.6 till w/ gravel n
9611	429536	102889	36.6	44.5 till silty grey
9612	429537	102889	44.5	44.8 sand med fine
9615	429540	102890	17.1	18.9 sand fine with
9616	429541	102890	18.9	19.5 sand fine brov
9617	429542	102890	19.5	39 clay
9618	429543	102890	39	44.2 saturated silt c
9619	429552	102892	0	4.9 clay
9620	429553	102892	4.9	10.4 shale
9621	429554	102892	10.4	11.9 sandstone gr
9622	429555	102892	11.9	38.1 shale, sandsto
9623	429556	102892	38.1	38.7 rock
9624	429557	102892	38.7	61.9 shale
9625	429558	102892	61.9	65.8 sandstone
9626	429559	102892	65.8	69.5 shale
9627	429560	102892	69.5	73.2 sandstone
9628	429561	102892	73.2	85.3 shale
9629	429562	102892	85.3	91.4 frequent sand
9630	429563	102893	0	54.9 till clay w/ son
9631	429564	102893	54.9	59.4 till ss sh & cla
9632	429565	102893	59.4	64.6 sticky clay yel
9633	429566	102893	64.6	88.4 shale w/ ss le
9634	429567	102893	88.4	99.1 ss grey med
9635	429568	102893	99.1	102.1 shale dk grey
9636	429569	102893	102.1	121.3 shale w/ a few
9637	429570	102894	0	15.2 gravel
9638	429571	102894	15.2	21.3 fine sand
9639	429572	102894	21.3	36.6 clay
9640	429573	102894	36.6	41.1 gravelly till w/c
9641	429574	102894	41.1	41.8 clay
9642	429575	102894	41.8	47.2 broken shale c
9643	429576	102894	47.2	51.8 med hard frac
9644	429577	102894	51.8	61 silty shale
9645	429578	102895	0	18.3 grey clay soft
9646	429579	102895	18.3	22.9 grey clay w/ s
9647	429580	102895	22.9	25.9 till/some sand
9648	429581	102895	25.9	44.2 till grey sand
9649	429582	102895	44.2	46 till fine gravel
9650	429583	102895	46	93.9 clay & till laye
9651	429584	102895	93.9	95.1 med/fine grav
9652	429585	102896	0	4.6 clay sandy bro
9653	429586	102896	4.6	11.6 sticky clay & t

9654	429587	102896	11.6	12.2 sand fine blac
9655	429588	102896	12.2	41.1 glacial till
9656	429589	102896	41.1	44.2 sand brn with
9657	429590	102896	44.2	45.7 broken ss & s
9658	429591	102896	45.7	50 ss grey med fi
9659	429592	102896	50	50.9 shale & sltst h
9660	429593	102896	50.9	52.4 shale black
9661	429594	102896	52.4	54.3 siltstone hard
9662	429595	102896	54.3	85.3 shale
9663	429596	102897	0	6.7 clay
9664	429597	102897	6.7	31.4 shale
9665	429598	102897	31.4	31.7 sandstone
9666	429599	102897	31.7	32.6 shale
9667	429600	102897	32.6	33.2 sandstone wa
9668	429601	102897	33.2	44.2 shale
9669	74338	102898	0	9.8 till & clay
9670	74339	102898	9.8	34.1 sandstone gr
9671	74340	102898	34.1	83.5 shale grey
9672	74341	102898	83.5	92.7 shale with sar
9673	429602	102900	0	6.7 clay sandy bro
9674	429603	102900	6.7	13.7 clay medium g
9675	429604	102901	0	10.7 clay brown
9676	429605	102901	10.7	11.9 sand & gravel
9677	429606	102901	11.9	41.5 clay till & silts
9678	429607	102901	41.5	46.3 till layered len
9679	429608	102901	46.3	53.6 shale
9680	429609	102901	53.6	54.9 sandstone fr
9681	429610	102902	0	6.7 light grey brov
9682	429611	102902	6.7	8.2 clay medium g
9683	429612	102902	8.2	16.2 dark grey clay
9684	429613	102903	0	11 till brown
9685	429614	102903	11	14.6 shale
9686	429615	102903	14.6	19.8 shale with lay
9687	429616	102903	19.8	42.7 shale with sar
9688	429617	102903	42.7	103.6 sandstone gr
9689	429618	102903	103.6	116.7 sandstone gr
9690	429619	102904	0	0.6 till silty brown
9691	429620	102904	0.6	7.6 med grey/brov
9692	429621	102904	7.6	10.1 dark grey clay
9693	429622	102904	10.1	13.4 med grey clay
9694	429623	102904	13.4	15.8 dark grey clay
9695	429624	102905	0	9.8 clay-till



9696	429625	102905	9.8	41.1 shale fracture
9697	429626	102906	0	15.2 clay till
9698	429627	102906	15.2	32 soft grey shale
9699	429628	102906	32	34.7 fine hard grey
9700	429629	102906	34.7	36.9 light brown ss
9701	429630	102906	36.9	37.5 coarse hard g
9702	429631	102906	37.5	45.1 soft brown ss
9703	429632	102906	45.1	77.7 hard coarse b
9704	429633	102906	77.7	89.9 ss mixture w/
9705	429639	102908	0	23.2 silty till with in
9706	429640	102908	23.2	28.7 silty clay, grey
9707	429641	102908	28.7	37.8 sandstone br
9708	429642	102908	37.8	146.3 shale grey & s
9709	429643	102908	146.3	231.6 shale-med gra
9710	429644	102909	0	2.7 silts
9711	429645	102909	2.7	3.7 shale
9712	429646	102909	3.7	4.3 coal
9713	429647	102909	4.3	16.8 shale
9714	429648	102909	16.8	17.4 coal
9715	429649	102909	17.4	21 shale dark gre
9716	429650	102909	21	121.9 sandstone dai
9717	429651	102910	0	3.7 backfill
9718	429652	102910	3.7	37.8 sandstone
9719	429653	102910	37.8	53.3 shale with sar
9720	429654	102910	53.3	61 shale
9721	429655	102910	61	61.6 sandstone
9722	429656	102910	61.6	68.3 shale with sar
9723	429657	102911	0	30.5 clay till
9724	429658	102911	30.5	35.1 sandstone sha
9725	429659	102911	35.1	37.2 clay
9726	429660	102911	37.2	39 sandstone sha
9727	429661	102911	39	48.8 shale making
9728	429662	102912	0	4.9 till
9729	429663	102912	4.9	19.8 sandstone bro
9730	429664	102912	19.8	43.6 shale with sar
9731	429665	102912	43.6	44.2 sandstone stri
9732	429666	102912	44.2	47.2 shale grey
9733	429667	102913	0	10.1 clay
9734	429669	102914	0	18.3 topsoil
9735	429670	102914	18.3	24.4 sand
9736	429671	102914	24.4	76.2 compact clay
9737	429672	102914	76.2	89.9 till clay sand s

9738	429673	102914	89.9	107.6 shale
9739	429674	102914	107.6	112.8 ss   grey 25 c
9740	429675	102914	112.8	114.3 shale
9741	429676	102915	0	5.5 light grey/brn
9742	429677	102915	5.5	9.1 med grey sha
9743	429678	102915	9.1	16.5 light grey shal
9744	429679	102915	16.5	22.3 med grey sha
9745	429680	102916	0	4 clay medium c
9746	429681	102916	4	7.6 light grey clay
9747	429682	102916	7.6	10.4 dark grey clay
9748	429683	102916	10.4	19.2 med grey clay
9749	429684	102916	19.2	20.1 light grey shal
9750	429685	102916	20.1	23.2 dark grey sha
9751	429710	102919	0	0.6 silty clay
9752	429711	102919	0.6	3.7 clay
9753	429712	102919	3.7	6.1 clay till
9754	429713	102919	6.1	8.5 shale 50 ft
9755	429714	102919	8.5	14 ss hard orang
9756	429715	102919	14	23.8 shale grey
9757	429716	102919	23.8	25 ss fine grey   :
9758	429717	102919	25	39 shale grey bla
9759	429718	102919	39	43.6 ss grey mediu
9760	429719	102919	43.6	45.7 shale
9761	429720	102920	0	4.6 med grey clay
9762	429721	102920	4.6	8.5 med grey clay
9763	429722	102920	8.5	9.4 making water
9764	429723	102920	9.4	18.3 med grey br s
9765	429724	102920	18.3	19.8 light grey shal
9766	429725	102920	19.8	23.5 med grey sha
9767	429726	102920	23.5	25.3 light grey shal
9768	429727	102920	25.3	26.2 med grey sha
9769	429728	102920	26.2	29.3 med grey sha
9770	429729	102921	0	4.9 till
9771	429730	102921	4.9	24.4 med coarse s:
9772	429731	102921	24.4	29.3 till gravelly
9773	429732	102921	29.3	36.6 sandstone bro
9774	429733	102921	36.6	109.7 shale dry hol
9775	491258	102930	0	57.9 unspecified
9776	491259	102931	0	5.5 qpleist formati
9777	491260	102932	0	53.9 unspecified
9778	491261	102933	0	68.6 unspecified
9779	491262	102934	0	194.5 kdunvegan for

9780	491263	102935	0	17.7 unspecified
9781	491264	102936	0	67.1 unspecified
9782	491265	102937	0	47.5 unspecified
9783	491266	102938	0	94.5 unspecified
9784	491267	102939	0	56.4 unspecified
9785	491268	102940	0	54.9 unspecified
9786	491269	102941	0	48.8 unspecified
9787	491270	102942	0	95.4 unspecified
9788	491271	102943	0	94.5 kdunvegan for
9789	491272	102944	0	370.6 trhalfway form
9790	491273	102945	0	91.4 unspecified
9791	491274	102946	0	182.9 unspecified
9792	491275	102947	0	96 unspecified
9793	491276	102948	0	65.8 unspecified
9794	491292	102958	0	64 unspecified
9795	491295	102961	0	45.7 unspecified
9796	491296	102962	0	94.5 unspecified
9797	491297	102963	0	49.4 unspecified
9798	491298	102964	0	158.5 unspecified
9799	491299	102965	0	143.3 unspecified
9800	491300	102966	0	57.9 unspecified
9801	491301	102967	0	44.2 unspecified
9802	491302	102968	0	230.1 unspecified
9803	491303	102969	0	138.7 unspecified
9804	491304	102970	0	30.5 quaternary for
9805	491305	102971	0	30.5 quaternary for
9806	491306	102972	0	61 unspecified
9807	491307	102973	0	67.1 unspecified
9808	491308	102974	0	61 unspecified
9809	491309	102975	0	61.3 unspecified
9810	491310	102976	0	169.2 kdunvegan for
9811	491311	102977	0	140.2 kdunvegan for
9812	491312	102978	0	201.2 kdunvegan for
9813	491313	102979	0	167.9 kdunvegan for
9814	491314	102980	0	170.7 kdunvegan for
9815	491315	102981	0	169.2 unspecified
9816	491316	102982	0	161.2 kdunvegan for
9817	491317	102983	0	172.5 kdunvegan for
9818	491318	102984	0	195.1 kdunvegan for
9819	491319	102985	0	169.5 kdunvegan for
9820	491320	102986	0	153.9 kdunvegan for
9821	491321	102987	0	155.1 kdunvegan for

9822	491322	102988	0	195.1 kdunvegan for
9823	491323	102989	0	167 kdunvegan for
9824	491324	102990	0	179.8 kdunvegan for
9825	491325	102991	0	219.2 kdunvegan for
9826	491326	102992	0	134.7 unspecified c
9827	491327	102993	0	118.9 unspecified
9828	491328	102994	0	53.6 unspecified
9829	491329	102995	0	54.9 unspecified
9830	491330	102996	0	56.4 unspecified
9831	491331	102997	0	61 unspecified
9832	491332	102998	0	64.3 unspecified
9833	491333	102999	0	42.7 unspecified
9834	491334	103000	0	62.8 kdunvegan fo
9835	491335	103001	0	46.9 unspecified
9836	491336	103002	0	61 unspecified
9837	491337	103003	0	175.9 unspecified
9838	491338	103004	0	120.4 unspecified
9839	491339	103005	0	150.6 unspecified
9840	491340	103006	0	61 unspecified
9841	491341	103007	0	38.1 unspecified
9842	491342	103008	0	14.6 mostly clay wi
9843	491343	103009	0	30.5 gumbo clay
9844	491344	103009	30.5	61 silty fine sand
9845	429737	103010	0	30.5 gumbo clay
9846	429738	103010	30.5	61 silty fine sand
9847	429739	103010	61	91.4 gumbo clay
9848	429740	103010	91.4	97.5 sandstone
9849	429741	103011	0	3.7 sandstone
9850	429742	103012	0	1.8 sandstone
9851	429743	103012	1.8	3.7 blue clay   cla
9852	429744	103013	0	1.8 sandstone
9853	429745	103013	1.8	3.7 blue clay
9854	429746	103014	0	3.7 gumbo clay
9855	429747	103015	0	3 clay
9856	429748	103015	3	4.9 shale
9857	491345	103017	0	48.8 fine sand   sai
9858	491346	103018	0	48.8 fine sand   sai
9859	430049	103112	0	9.1 clay brown
9860	430050	103112	9.1	14.9 clay brown
9861	430051	103112	14.9	17.7 clay brown
9862	430052	103112	17.7	19.8 siltstone clay
9863	430053	103112	19.8	51.8 clay brown

9864	430054	103112	51.8	56.7 brown grey   c
9865	430055	103112	56.7	61 siltstone shale
9866	325487	104344	0	2.4 dirty gravel   c
9867	325488	104344	2.4	8.2 gravel sandy
9868	325489	104344	8.2	61 clay silty grey
9869	75193	104345	0	4.6 sand silty
9870	75194	104345	4.6	12.2 gravel silty
9871	75195	104345	12.2	76.2 shale black
9872	75196	104345	76.2	91.4 sandstone lay
9873	435044	104346	0	3 clay sandy
9874	435045	104346	3	25.9 clay sandy
9875	435046	104346	25.9	26.5 sandstone
9876	435047	104346	26.5	39.6 silt clay
9877	435048	104346	39.6	56.4 clay sandy
9878	435049	104346	56.4	64 shale
9879	435050	104346	64	70.4 sandstone fine
9880	435051	104346	70.4	73.2 shale
9881	435052	104346	73.2	74.1 sandstone fine
9882	325490	104347	0	12.2 gravel dry
9883	325491	104347	12.2	25.6 sand brown
9884	325492	104348	0	9.1 gravel dry
9885	325493	104348	9.1	25.9 sand brown
9886	325494	104348	25.9	61 layered sand
9887	325495	104348	61	73.2 sand silty
9888	325496	104348	73.2	85.3 silty sand & gr
9889	325497	104348	85.3	112.8 silt brown
9890	325498	104348	112.8	114.3 sand coarse b
9891	325499	104348	114.3	115.8 sand coarse
9892	435053	104349	0	9.1 very sandy cl
9893	435054	104349	9.1	68.6 clay
9894	435055	104349	68.6	72.2 clay sandy
9895	435056	104349	72.2	76.2 clay
9896	435057	104349	76.2	84.7 glacial till   wa
9897	435058	104349	84.7	89.9 crumbly clayis
9898	435059	104349	89.9	93 sandstone w
9899	75197	104350	0	12.2 glacial till   br
9900	75198	104350	12.2	97.5 layered shale:
9904	75199	104353	0	9.8 clay
9905	75200	104353	9.8	23.8 shale sandsto
9906	325503	104354	0	12.2 clay w/ rock
9907	325504	104354	12.2	12.5 gravel swl 17
9908	75201	104356	0	3 clay grey

9909	75202	104356	3	121.9	shale layered
9910	435075	104359	0	29.3	sand silty bro
9911	435076	104359	29.3	40.8	clay silty
9912	435077	104359	40.8	76.2	brown silty sa
9913	435078	104359	76.2	86.9	sand silty bro
9914	435079	104359	86.9	93.9	sand fine brov
9915	435080	104359	93.9	106.1	sand silty grey
9916	435081	104359	106.1	143.9	silty sand & gr
9917	435082	104359	143.9	156.4	sand & gravel
9918	435083	104360	0	0.6	fill/topsoil
9919	435084	104360	0.6	21.3	clay vari-colo
9920	435085	104360	21.3	33.2	sandstone br
9921	435086	104360	33.2	34.1	shale vari-col
9922	435087	104360	34.1	36.3	sandstone br
9923	435088	104360	36.3	40.8	shale grey
9924	491365	104363	0	18.9	sand silty bro
9925	491366	104363	18.9	31.1	silty fine sand
9926	491367	104363	31.1	74.7	brown silty sa
9927	491368	104363	74.7	86.6	fine brown silt
9928	491369	104363	86.6	96	coarse silty sa
9929	491370	104363	96	105.8	fine to med sil
9930	491371	104363	105.8	147.8	silty sand & gr
9931	491372	104363	147.8	153.9	sand coarse c
9932	491373	104363	153.9	156.4	sand clean gr
9933	491374	104363	156.4	157.9	gravel & sand
9934	491375	104363	157.9	158.5	clay grey  gra
9935	75214	104366	0	1.8	fill
9936	75215	104366	1.8	3	muskeg - pea
9937	75216	104366	3	7.6	grey shale w/
9938	75217	104366	7.6	14.9	lt grey shale
9939	75218	104366	14.9	16.5	med grey sha
9940	75219	104366	16.5	20.1	lt grey shale
9941	75220	104366	20.1	29.3	dk grey shale
9942	75221	104366	29.3	31.4	lt grey shale
9943	75222	104366	31.4	33.8	dk grey shale
9944	75223	104366	33.8	37.8	med grey sha
9945	75224	104366	37.8	57.9	dk grey shale
9946	75225	104366	57.9	85.3	med-fine cem
9947	75226	104366	85.3	97.8	med grey sha
9948	75227	104366	97.8	106.7	cemented sar
9949	75228	104366	106.7	110.3	lt grey shale
9950	75229	104366	110.3	114.9	dk grey shale

9951	75230	104366	114.9	118 lt grey shale
9952	75231	104366	118	120.1 med grey sha
9953	75232	104366	120.1	132 dk grey shale
9954	75233	104366	132	133.5 lt grey shale
9955	75234	104366	133.5	137.2 med grey sha
9956	435095	104367	0	12.2 silt & gravel
9957	435096	104368	0	2.4 fill
9958	435097	104368	2.4	7.6 shale
9959	435098	104368	7.6	7.9 sandstone
9960	435099	104368	7.9	11.3 shale
9961	435100	104368	11.3	11.6 sandstone/silt
9962	435101	104368	11.6	26.2 shale
9963	435102	104368	26.2	34.7 sandstone
9964	435103	104368	34.7	36 shale
9965	435104	104368	36	108.5 sandstone wit
9966	435105	104368	108.5	109.7 shale
9967	325518	104369	0	6.1 dry sandy gra
9968	325519	104369	6.1	7.9 clay silty black
9969	325520	104369	7.9	9.1 clay silty brown
9970	325521	104369	9.1	12.2 coarse gravel
9971	435115	104371	0	2.4 fill
9972	435116	104371	2.4	7.6 shale
9973	435117	104371	7.6	7.9 sandstone
9974	435118	104371	7.9	11.3 shale
9975	435119	104371	11.3	11.6 sandstone/silt
9976	435120	104371	11.6	26.2 shale
9977	435121	104371	26.2	34.7 sandstone
9978	435122	104371	34.7	36 shale
9979	435123	104371	36	108.5 sandstone
9980	435124	104371	108.5	115.6 shale
9981	325522	104372	0	6.1 dry sandy gra
9982	325523	104372	6.1	7.9 black silt & wc
9983	325524	104372	7.9	12.8 gravel sandy
9984	435130	104375	0	3.4 gravel
9985	435131	104375	3.4	10.7 clay grey mal
9986	435132	104375	10.7	17.1 shale rock   4.
9987	325525	104376	0	5.8 gravel sandy
9988	325526	104376	5.8	12.2 silt grey
9989	435133	104377	0	17.1 clay
9990	435134	104377	17.1	17.7 sand & gravel
9991	435135	104377	17.7	36.6 clay
9992	435136	104377	36.6	39.6 sand good w

9993	435137	104377	39.6	54.9 sand
9994	435138	104377	54.9	61 shale grey
9995	435139	104377	61	94.8 shale
9996	435155	104380	0	3 clay
9997	435156	104380	3	12.2 sandstone
9998	435157	104380	12.2	64 shale black
9999	435158	104380	64	76.2 sandstone
10000	435159	104381	0	3 peat
10001	435160	104381	3	7.9 sandy clay   g
10002	435161	104381	7.9	44.5 clay with sm r
10003	435162	104381	44.5	44.8 gravel 42 sw
10004	435163	104382	0	6.4 lt grey clay & :
10005	435164	104382	6.4	9.8 med grey sha
10006	435165	104382	9.8	15.2 very fine sand
10007	435166	104382	15.2	16.8 gravel & sand
10008	435167	104382	16.8	19.8 med grey sha
10009	435168	104382	19.8	22.6 very fine sand
10010	435169	104382	22.6	26.2 gravel makin
10011	435170	104382	26.2	27.7 swelling sand
10012	435171	104382	27.7	31.1 med grey sha
10013	435172	104382	31.1	36 clay gravel & :
10014	435173	104382	36	39 med grey sha
10015	435187	104384	0	7.6 sand silty
10016	435188	104384	7.6	24.4 glacial till
10017	435189	104384	24.4	30.5 shale layered
10018	435194	104386	0	8.5 sand & gravel
10019	435195	104386	8.5	9.1 clay grey
10020	435196	104386	9.1	11 gravel dirty w
10021	435197	104386	11	14 bedrock
10022	435198	104387	0	11.3 gravel w/ silt k
10023	435199	104387	11.3	13.7 gravel
10024	435200	104387	13.7	14.6 sand silty
10025	435201	104388	3	6.1 silty sand & gr
10026	435202	104388	6.1	7 sand & gravel
10027	435203	104388	7	8.5 silty sand & gr
10028	435204	104388	8.5	9.8 bedrock
10029	435205	104389	0	9.4 gravel w/ silt k
10030	435206	104389	9.4	10.4 gravel clean \
10031	435207	104389	10.4	12.5 gravel w/ silt k
10032	435210	104391	0	5.5 clay
10033	435211	104391	5.5	7 ss brn
10034	435212	104391	7	8.2 ss gry



10035	435213	104391	8.2	12.2 siltstone
10036	435214	104391	12.2	13.4 ss brn
10037	435215	104391	13.4	27.4 shale grey
10038	435216	104391	27.4	30.5 ss brn
10039	435217	104391	30.5	45.7 shale black
10040	435218	104391	45.7	56.4 siltstone grey
10041	435219	104391	56.4	79.2 ss gry
10042	435220	104392	0	10.7 clay
10043	435221	104392	10.7	18.3 sh   grey frac
10053	435231	104393	0	29.9 clay sandy va
10054	435232	104393	29.9	47.9 clay vari-colo
10055	435233	104393	47.9	59.7 shale clay   gr
10056	435234	104394	0	30.5 clay
10057	435235	104394	30.5	42.7 gravel
10058	435236	104394	42.7	125 sandstone be
10059	435237	104395	0	0.3 topsoil
10060	435238	104395	0.3	1.8 silt sandy
10061	435239	104395	1.8	9.1 till
10062	435240	104395	9.1	29 till harder
10063	435241	104395	29	43.3 clay silty
10064	435242	104395	43.3	46.6 clay sandy
10065	435243	104395	46.6	50.3 till sandy
10066	435244	104395	50.3	75.3 clay
10067	435245	104395	75.3	76.2 silt
10068	435246	104395	76.2	79.9 gravel silty
10069	435247	104395	79.9	81.1 broken rocks
10070	435248	104395	81.1	82.9 shale fractur
10071	435249	104396	0	5.5 sand & gravel
10072	435250	104396	5.5	30.5 till
10073	435251	104396	30.5	31.1 sand silty
10074	435252	104396	31.1	39 till
10075	435253	104396	39	40.8 sand
10076	435254	104396	40.8	42.1 clay
10077	435255	104396	42.1	42.7 sand
10078	435256	104396	42.7	44.5 clay
10079	435257	104396	44.5	45.7 siltstone dry
10080	435258	104396	45.7	61 siltstone frac
10081	435261	104398	0	5.5 clay brown
10082	435262	104398	5.5	24.1 clay silty
10083	435263	104398	24.1	24.7 gravel sandy
10084	435264	104398	24.7	35.1 sandy silty cla
10086	435266	104398	39.6	43 sandstone

10085	435265	104398	35.1	39.6 shale
10087	435269	104400	0	3.7 clay sandy br
10088	435270	104400	3.7	18.3 med grey clay
10089	435273	104400	18.3	20.1 material   san
10090	435274	104400	20.1	29.9 sand cemente
10091	435275	104401	0	14.9 clean out exis
10092	435276	104402	0	15.2 clay sandy
10093	435277	104402	15.2	39.6 clay till
10094	435278	104402	39.6	121.9 shale grey
10095	435279	104403	0	5.2 med grey clay
10096	435280	104403	5.2	14.6 sandstone va
10097	435281	104403	14.6	15.5 sandstone liq
10098	435282	104403	15.5	21 shale light gr
10099	435283	104403	21	26.8 shale med g
10100	435285	104403	26.8	31.1 shale dark g
10101	435286	104403	31.1	33.8 shale light gr
10102	435287	104403	33.8	48.8 med grey sha
10103	435288	104404	0	4.6 shale brown
10104	435289	104404	4.6	79.2 shale layered
10105	435291	104406	0	5.5 coarse dirty g
10106	435292	104406	5.5	12.2 gravel silty
10107	435293	104406	12.2	33.5 sandy clays
10108	435294	104406	42.7	44.2 layered shale:
10109	435295	104407	0	64 shale layered
10110	435296	104408	0	1.5 pit in ground
10111	435297	104408	1.5	1.8 cement & woc
10112	435298	104408	1.8	7 med grey/brov
10113	435299	104408	7	10.1 sandstone di
10114	435300	104408	10.1	13.4 shale dark g
10115	435310	104411	0	0.9 clay sandy lig
10116	435311	104411	0.9	3.4 clay light gre
10117	435312	104411	3.4	19.2 shale clay   de
10118	435313	104411	19.2	84.1 shale med g
10119	435314	104411	84.1	86.9 shale light gr
10120	435315	104411	86.9	92 shale med g
10121	435316	104412	0	48.8 shale med g
10122	435317	104412	48.8	59.1 sandstone gr
10123	435318	104412	59.1	71 shale med g
10124	435319	104412	71	103.6 sandstone gr
10125	435344	104415	0	11.6 sandstone & c
10126	435345	104415	11.6	12.8 silt
10127	435346	104415	12.8	24.4 sandstone & c

10128	435347	104415	24.4	27.4	100% sandstone
10129	435348	104415	27.4	27.7	sandstone & r
10130	435349	104415	27.7	29	sandstone-tra
10131	435350	104416	0	122.2	clay silty som
10132	435351	104416	122.2	122.8	sand silty w/
10133	435352	104416	122.8	150	clay silty som
10134	435353	104416	150	205.7	shale making
10135	435354	104417	0	27.4	gravel & sand
10136	491379	104418	0	4	light grey brov
10137	491380	104418	4	6.1	med grey brov
10138	491381	104418	6.1	8.2	med grey brov
10139	491382	104418	8.2	15.8	med grey clay
10140	491383	104418	15.8	24.4	med grey sha
10141	491384	104418	24.4	50.3	very sandy m
10142	491385	104418	50.3	51.5	cemented sar
10144	435355	104419	0	5.2	glacial till
10145	435356	104419	5.2	24.4	layered shale:
10146	435357	104420	0	2.4	clay sandy
10147	435358	104420	2.4	9.8	dark grey clay
10148	435359	104420	9.8	22.6	dark grey sha
10149	435360	104420	22.6	63.4	med grey sha
10150	435361	104420	63.4	68.9	cemented sar
10151	435362	104420	68.9	71.3	light grey shal
10152	435363	104421	0	5.5	brown glacial
10153	435364	104421	5.5	97.5	grey layered s
10154	435365	104422	0	1.2	grey/black   til
10155	435366	104422	1.2	5.2	clay brown
10156	435367	104422	5.2	8.8	light grey   sha
10157	435368	104422	8.8	17.1	shale grey 4%
10158	435369	104422	17.1	18	sandstone gr
10159	435370	104422	18	19.2	sandstone br
10160	435371	104422	19.2	24.4	sandstone gr
10161	435372	104422	24.4	31.4	shale grey
10162	435373	104422	31.4	32.6	sandstone gr
10163	435374	104422	32.6	62.2	shale grey
10164	435375	104422	62.2	154.5	with interspers
10165	435391	104426	0	4.3	sand silty
10166	435392	104426	4.3	5.8	sm-lg gravel
10167	435393	104426	5.8	11.9	dark grey clay
10168	435394	104426	11.9	14.6	gravel makin
10169	435401	104429	0	3	gravel sandy l
10170	435402	104429	3	36.6	clay brown

10171	435403	104429	36.6	73.2 clay silty grey
10184	435444	104440	0	0.9 clay brown
10185	435445	104440	0.9	19.2 sandstone gr
10186	435446	104440	19.2	20.1 limestone
10187	435447	104440	20.1	23.2 sandstone gr
10188	435448	104440	23.2	36.3 shale
10189	435449	104440	36.3	39 clay fine
10190	435450	104440	39	44.2 shale
10191	435451	104440	44.2	46 limestone
10192	435452	104440	46	54.9 shale
10193	435453	104440	54.9	71.6 sandstone 1
10194	435454	104440	71.6	76.2 shale
10195	435463	104444	0	36 gravel sand &
10196	435464	104444	36	47.2 clay & some s
10197	435465	104445	0	3.7 gravel coarse
10198	435466	104445	3.7	7.3 clay sandy
10199	435467	104445	7.3	8.5 clay mixed w/
10200	435468	104445	8.5	9.8 gravel makin
10201	435469	104446	0	36.6 clay loose gra
10202	435470	104446	36.6	146.3 shale source
10203	435471	104447	0	10.7 clay med gre
10204	435472	104447	10.7	11.6 shale & grave
10205	435473	104447	12.8	17.1 sandstone br
10206	435474	104447	17.1	22.9 silty fine sand
10207	435475	104447	22.9	24.7 clay sandy da
10208	435476	104447	24.7	25.3 clay silty dark
10209	435477	104447	25.3	30.5 shale dark g
10210	435478	104448	0	6.1 sand silty
10211	435479	104448	6.1	48.8 clay silty
10212	435480	104448	48.8	54.9 sand silty
10213	435481	104448	54.9	64 clay silty
10214	435482	104448	64	73.2 sand & gravel
10215	435486	104450	0	0.6 topsoil
10216	435487	104450	0.6	5.5 sand & gravel
10217	435488	104450	5.5	9.1 clay sandy
10218	435489	104450	9.1	21.9 gravel silty
10219	435490	104450	21.9	22.3 sand white
10220	435491	104450	22.3	24.4 clay gravelly
10221	435492	104450	24.4	48.8 siltstone
10222	435493	104451	0	0.6 topsoil
10223	435494	104451	0.6	5.5 sand silty mo
10224	435495	104451	5.5	7.3 clay silty

10225	435496	104451	7.3	8.8 clay silt
10226	435497	104451	8.8	13.7 gravel silty
10227	435498	104451	13.7	16.5 silt grey
10228	435499	104451	16.5	27.1 gravel silty
10229	435500	104451	27.1	109.7 siltstone
10230	435501	104452	0	0.6 topsoil
10231	435502	104452	0.6	3.7 gravel dirty
10232	435503	104452	3.7	4.9 sand & gravel
10233	435504	104452	4.9	28 till
10234	435505	104452	28	36.6 gravel dirty d
10235	435506	104452	36.6	40.2 sand dry
10236	435507	104452	40.2	44.2 sand & gravel
10237	435508	104452	44.2	46.9 clay
10238	435509	104452	46.9	73.2 shale
10239	435551	104460	0	3 dry gravel anc
10240	435552	104460	3	6.7 saturated grav
10241	435553	104460	6.7	7.6 clay and grav
10242	435554	104460	7.6	7.9 shale
10243	435555	104461	0	3 dry gravel anc
10244	435556	104461	3	6.1 dirty gravel
10245	435557	104461	6.1	6.7 gravel small fl
10246	435558	104461	6.7	7.3 clay and grav
10247	435559	104461	7.3	7.6 shale
10248	435560	104462	0	2.7 dry gravel anc
10249	435561	104462	2.7	5.5 mixed saqnd :
10250	435562	104462	5.5	6.7 clay and fine g
10251	435563	104463	0	0.6 sand
10252	435564	104463	0.6	2.7 dry gravel
10253	435565	104463	2.7	6.7 mixed sand ar
10254	435566	104463	6.7	7.6 med mixed gr
10255	435567	104463	7.6	8.8 mixed gravel :
10256	435568	104463	8.8	9.1 shale
10257	435569	104464	0	4.3 gravel, silt anc
10258	435570	104464	4.3	8.2 gravel and sa
10259	435571	104464	8.2	8.5 gravel, sand a
10260	435572	104464	8.5	9.8 shale
10261	435573	104466	0	0.3 gravel, silt anc
10262	435574	104466	0.3	4.9 silt, sand and
10263	435575	104466	4.9	7 gravel and sa
10264	435576	104466	7	7.9 sandstone dir
10265	435577	104467	0	0.6 silt and sand
10266	435578	104467	0.6	4.6 silt, sand and

10267	435579	104467	4.6	9.1 gravel and sa
10268	435580	104467	9.1	10.1 shale
10269	435581	104468	0	12.2 clay
10270	435582	104468	12.2	115.8 shale and san
10271	435583	104469	0	15.2 clay
10272	435584	104469	15.2	68.6 shale and san
10273	435903	104528	0	6.7 sand with gra
10274	435904	104528	6.7	12.8 sand, fine-me
10278	325541	104533	0	12.2 silty clay   clay
10279	325542	104533	12.2	42.7 till   till grey
10280	325543	104533	42.7	48.8 gravel   grave
10281	75238	104707	0	3 clay with rock
10282	75239	104707	3	30.5 sandstone   sa
10283	75240	104708	0	12.2 clay   clay gre
10284	75241	104708	12.2	18.3 weathered be
10285	75242	104708	18.3	24.4 sandstone   sa
10286	436421	104709	0	10.7 clay   clay gre
10287	436422	104709	10.7	12.2 weathered sh
10288	436423	104709	12.2	48.8 shale   shale
10289	436424	104709	48.8	91.4 shale/sandsto
10290	436425	104710	0	10.4 clay   clay gre
10291	436426	104710	10.4	24.4 shale/sandsto
10292	75243	104711	0	12.2 clay   clay gre
10293	75244	104711	12.2	18.3 clay and rock
10294	75245	104711	18.3	24.4 weathered be
10295	75246	104711	24.4	48.8 shale and san
10296	75247	104712	0	36.6 clay - silty   cl
10297	75248	104712	36.6	41.1 clay - sandy
10318	436447	104719	0	12.2 clay brown
10298	75249	104712	41.1	48.8 dirty gravel - k
10299	75250	104712	48.8	73.2 silty clays   sil
10300	75251	104712	73.2	79.2 gravels - dens
10301	75252	104712	79.2	82.3 broken bedroc
10302	75253	104712	82.3	85.3 broken bedroc
10303	75272	104716	16.8	30.8 shale clay   sh
10304	75273	104716	30.8	31.7 sandstone   sa
10305	75274	104716	31.7	64.3 shale   shale
10306	75275	104716	64.3	68.9 shale grey m
10307	75276	104716	68.9	87.8 siltstone grey
10308	75277	104716	87.8	149.7 shale grey
10309	75278	104716	149.7	161.2 siltstone grey
10310	436439	104718	0	8.2 clay vari-colo

10311	436440	104718	8.2	19.5 clay brown
10312	436441	104718	19.5	21.3 clay brown
10313	436442	104718	21.3	23.5 sand gravel   l
10314	436443	104718	23.5	27.4 clay vari-colo
10315	436444	104718	27.4	47.9 shale grey
10316	436445	104718	47.9	48.8 sandstone br
10317	436446	104718	48.8	61 shale grey fra
10319	436448	104719	12.2	14 sandstone ta
10320	436449	104719	14	25.9 clay grey
10321	436450	104719	25.9	29 siltstone grey
10322	436451	104719	29	31.1 shale grey fra
10323	436452	104720	0	1.2 relative hardn
10324	436453	104720	1.2	6.1 silt clay   brow
10325	436454	104720	6.1	39.6 clay vari-colo
10326	436455	104720	39.6	44.2 shale vari-col
10327	436456	104720	44.2	50.3 shale vari-col
10328	436457	104721	0	0.9 gravel clay   b
10329	436458	104721	0.9	5.2 clay brown
10330	436459	104721	5.2	9.1 clay brown
10331	436460	104721	9.1	26.8 shale grey 36
10332	436461	104721	26.8	31.7 shale grey
10333	436462	104721	31.7	32 sandstone gr
10334	436463	104721	32	36 shale grey 10
10335	436464	104721	36	39 siltstone grey
10336	436465	104721	39	68.9 shale grey
10337	436466	104722	0	5.5 clay grey rela
10338	436467	104722	5.5	9.8 clay vari-colo
10339	436468	104722	9.8	12.2 clay grey
10340	436469	104722	12.2	13.1 sandstone & c
10341	436470	104722	13.1	19.5 shale grey 62
10342	436471	104722	19.5	22.9 siltstone grey
10343	436472	104722	22.9	23.8 sandstone gr
10344	436473	104722	23.8	25 sandstone gr
10345	436474	104723	0	7.9 silt brown rel
10346	436475	104723	7.9	9.1 sand & clay   l
10347	436476	104723	9.1	37.2 clay brown
10348	436477	104723	37.2	44.2 shale grey
10349	436478	104723	44.2	57 shale black 1
10350	436479	104724	0	14.6 clay brown
10351	436480	104724	14.6	30.5 sandstone br
10352	436489	104726	0	7.9 clay brown
10353	436490	104726	7.9	12.2 sandstone br

10354	436491	104726	12.2	18.3 shale vari-col
10355	436492	104726	18.3	22.3 shale grey
10356	436493	104726	22.3	29 shale brown
10357	436494	104726	29	33.5 siltstone brow
10358	436495	104726	33.5	35.4 shale grey
10359	436496	104726	35.4	39.9 shale grey
10360	436497	104728	0	12.8 clay brown
10361	436498	104728	12.8	24.4 shale tan
10362	436499	104728	24.4	25 sandstone br
10363	436500	104728	25	28.7 shale vari-col
10364	436501	104728	28.7	31.4 shale grey
10365	436502	104728	31.4	33.8 shale tan
10366	436503	104728	33.8	35.4 siltstone grey
10367	436504	104728	35.4	43.3 shale vari-col
10368	436505	104728	43.3	45.4 siltstone brow
10369	436506	104728	45.4	61 sandstone br
10370	436507	104728	61	91.7 shale grey fra
10371	436512	104730	0	6.1 silt clay   brow
10372	436513	104730	6.1	44.5 clay brown
10373	436514	104730	44.5	50.6 sandstone br
10374	436515	104730	50.6	51.5 sandstone br
10375	436516	104730	51.5	68.3 sandstone br
10376	436517	104730	68.3	69.5 shale vari-col
10378	436538	104734	5.5	12.2 clay sandy bro
10379	436539	104734	12.2	16.8 clay grey
10380	436540	104734	16.8	31.1 marble grey f
10381	436541	104734	31.1	32.6 shale grey fra
10382	436542	104734	32.6	45.7 shale grey fra
10383	437371	104845	0	14 clay till   brown
10384	437372	104845	14	121.9 shale sandsto
10385	438921	105113	0	0.6 silt & gravel fil
10386	438922	105113	0.6	14.3 clay grey
10387	438923	105113	14.3	19.2 clay silt sand
10388	438924	105113	19.2	27.7 silt clay sand
10389	438925	105113	27.7	47.2 silt clay sand
10390	438926	105113	47.2	53.3 silt clay fine g
10408	438949	105116	0	42.7 clays/till   grey
10409	438950	105116	42.7	46.3 sandy clays
10410	438951	105116	46.3	47.2 sandstone we
10411	438952	105116	47.2	57.9 sandstone fra
10412	438985	105121	0	9.1 clay sandy bro
10413	438986	105121	9.1	61 sandy silty cla



10414	438987	105121	61	64 sand & gravel
10415	438994	105124	0	12.2 clay brown
10416	438995	105124	12.2	35.1 clay silty grey
10417	438996	105124	35.1	36.6 gravel silty gre
10418	439054	105138	0	25.9 glacial clay ar
10419	439055	105138	25.9	33.5 silt grey 0 us
10420	439056	105138	33.5	35.1 broken bedroc
10421	440216	105352	0	18.3 sandy silt satu
10422	440217	105352	18.3	19.2 clay with grav
10423	440218	105352	19.2	36.6 glacial till clay
10424	440219	105352	36.6	61 glacial till with
10425	440220	105352	61	65.2 broken sands:
10426	440221	105352	65.2	79.2 sandstone sa
10427	440222	105352	79.2	79.6 shale very fr
10428	440223	105352	79.6	83.8 sandstone sa
10429	440224	105353	0	62.5 clay sandy
10430	440225	105353	62.5	85.3 sandstone gr
10431	441864	105645	0	9.1 gravel & clay
10432	441865	105645	9.1	26.2 gravel with fin
10433	441866	105645	26.2	28 coal
10434	441867	105645	28	48.8 shale with fine
10435	442992	105900	0	5.5 till shale & cla
10436	442993	105900	5.5	10.7 shale brown
10437	442994	105900	10.7	13.7 coal black
10438	442995	105900	13.7	18.3 shale fracture
10439	443050	105910	0	15.2 clay green
10440	443051	105910	15.2	22.9 shale green
10441	443052	105910	22.9	24.4 sandstone br
10442	443077	105914	0	3 till grey
10443	443078	105914	3	10.7 shale grey
10444	443079	105914	10.7	12.5 sandstone gr
10445	443080	105914	12.5	18.3 ss w/ shale la
10446	443136	105926	0	36.6 silty sandy till
10447	443137	105926	36.6	42.7 shale black s
10448	443138	105926	42.7	44.2 sandstone gr
10449	443139	105926	44.2	45.7 ss shale layer
10450	443163	105932	0	6.1 clay
10451	443164	105932	6.1	12.2 clay shales
10452	443165	105932	12.2	12.8 clay shale
10453	443166	105932	12.8	24.4 layers clay sh
10454	443167	105932	25	25.3 sandstone 1
10455	443168	105932	25.3	28 clay shale

10456	443169	105932	28	30.5 shale, sandst
10457	443170	105932	30.5	33.5 sandstone, sh
10458	443194	105937	0	6.1 till sandy clay
10459	443195	105937	6.1	9.1 sandstone br
10460	443196	105937	9.1	48.8 shale black
10461	443197	105937	48.8	50.3 sandstone gr
10462	443198	105937	50.3	53.3 shale black
10463	443199	105937	53.3	64 sandstone fin
10464	443200	105938	0	1.5 sand silts   br
10465	443201	105938	1.5	5.5 gravel prs
10466	443202	105938	5.5	35.1 silt wet   grey
10467	443203	105938	35.1	48.8 ss med to har
10469	443221	105942	4.6	19.8 gravel dry
10470	443222	105942	19.8	21.3 till gravelly cla
10471	443223	105942	21.3	25.9 gravel dry
10472	443224	105942	25.9	39.6 clay silty black
10473	443225	105942	39.6	41.1 gravel 6 gpr
10474	445081	106347	0	3 peat
10475	445082	106347	3	7.9 clay sandy gre
10476	445083	106347	7.9	44.5 clay grey with
10477	445084	106347	44.5	44.8 gravel
10478	446067	106687	0	10.7 not recovered
10479	446068	106687	10.7	64 clay dry dark
10480	446069	106687	64	88.4 fractured shal
10481	446070	106688	0	7.6 not recovered
10482	446071	106688	7.6	70.1 clay dry dark
10483	446072	106688	70.1	88.4 fractured shal
10484	446420	106783	0	4.6 clay brown
10485	446421	106783	4.6	15.2 clay till   grey
10486	446422	106783	15.2	15.8 gravel 80 to 2
10487	446423	106783	15.8	17.1 shale grey
10488	446424	106783	17.1	24.4 sandstone gr
10489	447020	106918	0	8.5 coarse gravel
10490	447021	106918	8.5	10.7 coarse sand
10491	447022	106918	10.7	17.7 med-fine grav
10492	447023	106918	17.7	37.5 coarse sand,
10493	447024	106918	37.5	39 silty sand, coa
10494	447025	106918	39	39.6 till grey
10495	447028	106921	0	6.4 coarse gravel
10496	447029	106921	6.4	7.6 boulder, cobb
10497	447030	106921	7.6	18.9 fine-med grav
10498	447031	106921	18.9	21.9 fine-med grav

10499	447032	106921	21.9	22.9 fine-med grav
10500	447033	106921	22.9	26.8 coarse gravel
10501	447034	106921	26.8	27.1 med-coarse g
10502	447035	106922	0	8.5 coarse gravel
10503	447036	106922	8.5	10.7 coarse sand
10504	447037	106922	10.7	18.9 med-fine grav
10505	447038	106922	18.9	26.8 med-coarse s
10506	447039	106922	26.8	32.3 mixed sands &
10507	447040	106922	32.3	34.1 hardpan grey
10508	447041	106922	34.1	41.1 fine silty sand
10509	447042	106922	41.1	44.5 sand silty grey
10510	447043	106922	44.5	48.8 till grey
10511	447044	106922	48.8	50.3 sand silty grey
10512	447045	106922	50.3	59.7 mixed sands &
10513	447046	106922	59.7	62.5 hardpan grey
10514	448125	107129	0	5.5 till silty clay   c
10515	448126	107129	5.5	13.7 shale & ss lay
10516	448127	107129	13.7	18.3 ss salt & pepp
10517	448128	107129	18.3	23.8 shale black
10518	448129	107129	23.8	41.1 shale ss layer
10519	448130	107129	41.1	51.8 salt & pepper
10520	448139	107132	0	7.6 clay silty brow
10521	448140	107132	7.6	16.8 glacial till clay
10522	448141	107132	16.8	18.9 silt & sand   bl
10523	448142	107132	18.9	46.3 glacial till   var
10524	448143	107132	46.3	50.9 ss   vari-colou
10525	448144	107132	50.9	58.5 ss   grey fracti
10526	448145	107132	58.5	59.4 till & clay   bro
10527	448146	107132	59.4	61 ss & siltstone
10528	448147	107132	61	61.6 ss & siltstone
10529	448148	107132	61.6	67.7 siltstone darl
10530	75430	107134	0	22.9 glacial till   bla
10531	75431	107134	22.9	45.7 shale ss   blac
10532	448155	107136	0	15.2 silty sandy cla
10533	448156	107136	15.2	118.9 shale black fr
10534	448167	107138	0	5.5 till clay small p
10535	448168	107138	5.5	19.8 shale small ss
10536	448169	107138	19.8	29 sandstone gr
10537	448193	107145	0	1.8 till silty clay   c
10538	448194	107145	1.8	11.6 shale & ss lay
10539	448195	107145	11.6	12.8 ss   grey mois
10540	448196	107145	12.8	48.8 shale w/ ss la

10541	448197	107145	48.8	64 ss w/ shale la
10542	448198	107146	0	6.7 clay silty grey
10543	448199	107146	6.7	9.1 sandstone br
10544	448200	107146	9.1	11.6 shale black
10545	448201	107146	11.6	15.2 sandstone br
10546	448202	107146	15.2	17.7 shale black
10547	448203	107147	0	13.7 till clay w/ peb
10548	448204	107147	13.7	18.3 till clay w/ gra
10549	448205	107147	18.3	23.8 glacial till
10550	448206	107147	23.8	30.5 sandstone fr
10552	448222	107150	11.6	13.4 gravelly clay
10553	448223	107150	13.4	20.4 clay till small p
10554	448224	107150	20.4	31.7 sandstone br
10555	448225	107150	31.7	42.1 shale black
10556	448226	107150	42.7	46.6 sandstone gr
10557	448227	107150	46.6	53.3 shale black
10558	448228	107150	53.3	57.9 sandstone gr
10559	448229	107150	57.9	61 shale black
10560	448253	107154	0	4.6 clay till   grey
10561	448254	107154	4.6	56.4 shale small ss
10562	448255	107154	56.4	61 salt pepper ss
10563	448256	107154	61	121.9 shale ss layer
10564	448281	107159	0	4.6 clay till   grey
10565	448282	107159	4.6	61 shale small ss
10566	448283	107159	61	65.5 salt pepper ss
10567	448284	107159	65.5	121.9 shale & ss lay
10568	448285	107160	0	15.2 clay w/ pebble
10569	448286	107160	15.2	33.5 shale
10570	448287	107160	33.5	36.6 sandstone
10571	449105	107361	0	1.2 crush
10572	449106	107361	1.2	7.3 3/8 bentonite
10573	449107	107361	7.3	73.2 alternating 1r
10574	449108	107362	0	0.3 crush
10575	449109	107362	0.3	5.5 3/8 bentonite
10576	449110	107362	5.5	45.7 alternating 1r
10577	449112	107364	0	12.2 3/8 bentonite
10578	449113	107365	0	12.2 3/8 bentonite

matclass	permeability	hydrogeo_uni	well_aquifer	thickness	waterdepth
sand/gravel	permeable	permeable, dr	bedrock	2.4	
sand/gravel	permeable	permeable, dr	bedrock	22	
SAND/clay	ambiguous	permeable, dr	bedrock	3	
bedrock	bedrock	441	bedrock	5.5	
bedrock	bedrock	441	bedrock	3.7	
sand/gravel	permeable	440	440	33.5	25.9
bedrock	bedrock	bedrock aquifi	440	3.1	25.9
till	low	aquitard	bedrock	4.6	45.7
bedrock	bedrock	639	bedrock	7.9	45.7
bedrock	bedrock	639	bedrock	10.7	45.7
bedrock	bedrock	639	bedrock	8.5	45.7
bedrock	bedrock	639	bedrock	12.8	45.7
bedrock	bedrock	639	bedrock	6.4	45.7
bedrock	bedrock	639	bedrock	3	45.7
sand/gravel	permeable	permeable, dr	bedrock	18.3	27.4
bedrock	bedrock	441	bedrock	30.5	27.4
bedrock	bedrock	451	bedrock	4	3
till	low	aquitard	bedrock	6.1	
silt/clay	low	aquitard	bedrock	9.1	
CLAY/gravel	low	aquitard	bedrock	18.3	
bedrock	bedrock	bedrock aquifer		67	
clay	low	aquitard	bedrock	4	
bedrock	bedrock	451	bedrock	8.2	
bedrock	bedrock	451	bedrock	0.9	
bedrock	bedrock	451	bedrock	17.4	
clay	low	aquitard	bedrock	14	
bedrock	bedrock	451	bedrock	0.6	
bedrock	bedrock	451	bedrock	0.3	
clay	low	aquitard		8.5	16.5
till	low	aquitard		3.1	16.5
till	low	aquitard		31.1	16.5
clay	low	aquitard		1.2	16.5
till	low	aquitard		7.9	16.5
CLAY/sand	ambiguous	ambiguous		1.2	16.5
clay	low	aquitard		0.6	16.5
clay	low	aquitard	bedrock	2.4	56.1
sand/gravel	permeable	permeable, dr	bedrock	3.7	56.1
bedrock	bedrock	451	bedrock	7.6	56.1
bedrock	bedrock	451	bedrock	29	56.1
bedrock	bedrock	451	bedrock	12.2	56.1
bedrock	bedrock	451	bedrock	1.2	56.1

bedrock	bedrock	451	bedrock	49.1	56.1
bedrock	bedrock	451	bedrock	6.7	5.5
bedrock	bedrock	451	bedrock	18	5.5
bedrock	bedrock	451	bedrock	4.6	5.5
bedrock	bedrock	451	bedrock	20.4	5.5
bedrock	bedrock		bedrock aquifer	1.8	
bedrock	low		bedrock aquifer	6.7	
bedrock	bedrock	451	bedrock	1.8	5.5
till	low		aquitard bedrock	38.1	
bedrock	bedrock	933	bedrock	14.6	
bedrock	bedrock	933	bedrock	3.7	
bedrock	bedrock	933	bedrock	24.4	
bedrock	bedrock	933	bedrock	0.6	
clay	low		aquitard bedrock	4.6	
bedrock	bedrock		bedrock aquifer bedrock	41.1	
clay	low		aquitard bedrock	3	
CLAY/sand	low		aquitard bedrock	6.8	
sand/gravel/cl	ambiguous		aquifer (confir bedrock	11.6	
bedrock	bedrock	639	bedrock	0.9	
bedrock	bedrock	639	bedrock	5.8	
bedrock	bedrock	639	bedrock	0.6	
bedrock	bedrock	639	bedrock	6.1	
bedrock	bedrock	639	bedrock	2.7	
bedrock	bedrock	639	bedrock	0.9	
bedrock	bedrock	639	bedrock	7.6	
bedrock	bedrock	639	bedrock	4.3	
bedrock	bedrock	639	bedrock	11.3	
till	low		aquitard	1.5	
sand/gravel	permeable		permeable	2.2	
clay	low		aquitard bedrock	3	
CLAY/sand	low		aquitard bedrock	9.1	
clay	low		aquitard bedrock	4.6	
bedrock	bedrock		bedrock aquifer bedrock	41.1	
silt/clay	low		aquitard bedrock	36.6	
bedrock	bedrock	591	bedrock	36.6	
clay	low		aquitard bedrock	1.8	25.9
clay	low		aquitard bedrock	2.5	25.9
unknown/over	ambiguous		ambiguous bedrock	0.9	25.9
clay	low		aquitard bedrock	10	25.9
clay	low		aquitard bedrock	1	25.9
clay	low		aquitard bedrock	8.2	25.9
bedrock	bedrock	451	bedrock	12.2	25.9

clay	low	aquitard	bedrock	3.4	37.5
CLAY/sand	ambiguous	ambiguous	bedrock	35	37.5
bedrock	bedrock	591	bedrock	17.4	37.5
bedrock	bedrock	591	bedrock	17.4	37.5
unknown/over	ambiguous	ambiguous	bedrock	0.5	
till	low	aquitard	bedrock	4.4	
till	low	aquitard	bedrock	8.8	
sand/gravel	permeable	permeable		1.2	
CLAY/gravel	low	aquitard		1.2	
till	low	aquitard	bedrock	4	
bedrock	bedrock	591	bedrock	25.6	
bedrock	bedrock	593	bedrock	12.2	
unknown/over	ambiguous	ambiguous	bedrock	4	25.9
unknown/over	ambiguous	ambiguous	bedrock	18.3	25.9
unknown/over	ambiguous	ambiguous	bedrock	2.4	25.9
unknown/over	ambiguous	ambiguous	bedrock	1.5	25.9
bedrock	bedrock	451	bedrock	8.3	25.9
till	low	aquitard	bedrock	4.9	
CLAY/sand	low	aquitard	bedrock	4.9	
bedrock	bedrock	451	bedrock	25.3	
bedrock	bedrock	451	bedrock	6.1	6.7
bedrock	bedrock	451	bedrock	6.1	6.7
bedrock	bedrock	451	bedrock	6.1	6.7
till	low	aquitard	bedrock	0.3	
clay	low	aquitard	bedrock	0.9	
till	low	aquitard	bedrock	3.4	
CLAY/sand	ambiguous	ambiguous	bedrock	19.8	
bedrock	bedrock	634	bedrock	5.6	
till	low	aquitard		0.6	
tbd				70.1	
clay	low	aquitard		3.7	
clay	low	aquitard		21.6	
clay	low	aquitard		6.7	
CLAY/sand	low	aquitard		9.1	
clay	low	aquitard		28.7	
clay	low	aquitard		7.3	
silt	low	aquitard	687-442	5.8	4.9
sand/gravel	permeable	687	687-442	2.7	4.9
sand/gravel	permeable	687	687-442	1.8	4.9
boulder/grave	permeable	permeable, dr	bedrock	6.4	
sand/gravel	permeable	permeable, dr	bedrock	4	
CLAY/sand	ambiguous	ambiguous	bedrock	2.4	

bedrock	bedrock	bedrock aquif	bedrock	0.9	
bedrock	bedrock	bedrock aquif	bedrock	6.1	
clay	low	aquitard	bedrock	21.3	
bedrock	bedrock	593	bedrock	39.7	
sand/gravel	permeable	permeable	bedrock	29.6	28.7
bedrock	bedrock	441	bedrock	0.3	28.7
clay	low	aquitard	bedrock	30.5	24.4
bedrock	bedrock	593	bedrock	0.5	24.4
CLAY/sand	ambiguous	903	aquifer, confir	27.4	21.3
clay	low	aquitard	bedrock	26.5	25
bedrock	bedrock	448	bedrock	0.5	25
clay	low	aquitard		6.1	5.5
silt	low	aquitard		15.2	13.7
sand/gravel	permeable	permeable		6.1	
clay	low	aquitard	aquifer, confir	1.8	9.1
sand/gravel	permeable	444	aquifer, confir	6.1	9.1
clay	low	aquitard	aquifer, confir	1.9	9.1
clay	low	aquitard	bedrock	3	0.9
bedrock	bedrock	451	bedrock	1	0.9
clay	low	aquitard	bedrock	20.1	
bedrock	bedrock	593	bedrock	1.8	
sand/gravel	permeable	permeable, dry		4.9	
sand/gravel	permeable	permeable	bedrock	7.6	24.4
bedrock	bedrock	593	bedrock	44.2	24.4
clay	low	aquitard		36	
bedrock	bedrock	593	bedrock	5.5	5.5
bedrock	bedrock	593	bedrock	0.3	5.5
bedrock	bedrock	593	bedrock	1.8	5.5
clay	low	aquitard		4.9	
clay	low	aquitard		18.3	
clay	low	aquitard		15.2	12.2
clay	low	aquitard	bedrock	5.8	3
bedrock	bedrock	593	bedrock	0.9	3
tbd	ambiguous	ambiguous	bedrock	2.1	4.6
bedrock	bedrock	bedrock aquif	bedrock	3.4	4.6
bedrock	bedrock	bedrock aquif	bedrock	2.4	4.6
clay	low	aquitard		28.3	
boulder/grave	permeable	permeable		0.7	
till	low	aquitard	bedrock	0.9	4.6
bedrock	bedrock	593	bedrock	6.7	4.6
clay	low	aquitard	aquifer, confir	32.9	2.1
boulder/grave	permeable	594	aquifer, confir	1.5	2.1



sand/gravel	permeable	594	aquifer, confir	5.2	2.1
clay	low		aquitard	6.1	4.9
silt	low		aquitard	0.6	4.9
sand/gravel	permeable		aquifer (uncor	15.2	12.2
sand/gravel	permeable		aquifer (uncor	65.6	12.2
bedrock	bedrock	593	bedrock	3	4.6
bedrock	bedrock	593	bedrock	3.1	4.6
sand/gravel/cl	ambiguous		ambiguous bedrock	121.9	6.1
clay	low		aquitard bedrock	3.4	
bedrock	bedrock	451	bedrock	112.4	
clay	low		aquitard bedrock	4.3	5.2
bedrock	bedrock	591	bedrock	3.9	5.2
clay	low		aquitard	21.3	
till	low		aquitard	5.5	
sand/gravel/cl	ambiguous		ambiguous aquifer, confir	7.3	6.1
soil/organic	low		aquitard bedrock	0.9	19.8
clay	low		aquitard bedrock	16.2	19.8
bedrock	bedrock	593	bedrock	5.8	19.8
bedrock	bedrock	593	bedrock	16.7	19.8
till	low		aquitard	18.3	
CLAY/gravel	low		aquitard	33.5	
till	low		aquitard bedrock	13.7	35.4
sand/gravel	permeable	451	bedrock	2.5	35.4
till	low		aquitard bedrock	8.8	35.4
sand/gravel	permeable	451	bedrock	0.6	35.4
clay	low		aquitard bedrock	3.4	35.4
bedrock	bedrock	451	bedrock	6.1	35.4
bedrock	bedrock	451	bedrock	4.5	35.4
bedrock	bedrock	451	bedrock	4.6	35.4
bedrock	bedrock	451	bedrock	9.1	35.4
bedrock	bedrock	451	bedrock	6.1	35.4
bedrock	bedrock	451	bedrock	13.7	35.4
bedrock	bedrock	451	bedrock	53.4	35.4
bedrock	bedrock	451	bedrock	8.5	35.4
soil/organic	ambiguous		ambiguous bedrock	0.6	30.5
clay	low		aquitard bedrock	23.8	30.5
bedrock	bedrock	451	bedrock	1.8	30.5
bedrock	bedrock	451	bedrock	2.5	30.5
bedrock	bedrock	451	bedrock	24.6	30.5
bedrock	bedrock	451	bedrock	7.7	30.5
bedrock	bedrock	451	bedrock	1.2	30.5
bedrock	bedrock	451	bedrock	1.8	30.5

bedrock	bedrock	451	bedrock	0.9	30.5
bedrock	bedrock	451	bedrock	1.5	30.5
bedrock	bedrock	451	bedrock	1.3	30.5
bedrock	bedrock	451	bedrock	23.7	30.5
clay	low	aquitard	bedrock	1.5	
sand/gravel	permeable	permeable, dr	bedrock	1.2	
bedrock	bedrock	451	bedrock	0.3	
clay	low	aquitard	bedrock	8.8	
sand/gravel	permeable	permeable, dr	bedrock	4.9	54.9
till	low	permeable, dr	bedrock	13.7	54.9
bedrock	bedrock	451	bedrock	6.1	54.9
bedrock	bedrock	permeable, dr	bedrock	1.6	54.9
bedrock	bedrock	451	bedrock	9.1	54.9
bedrock	bedrock	451	bedrock	1.5	54.9
bedrock	bedrock	451	bedrock	9.5	54.9
bedrock	bedrock	451	bedrock	19.5	54.9
bedrock	bedrock	451	bedrock	22.8	54.9
bedrock	bedrock	451	bedrock	12.5	54.9
soil/organic	ambiguous	ambiguous	bedrock	25.9	37.8
till	low	aquitard	bedrock	9.2	37.8
bedrock	bedrock	451	bedrock	1.5	37.8
bedrock	bedrock	451	bedrock	6.1	37.8
bedrock	bedrock	451	bedrock	1.5	37.8
bedrock	bedrock	451	bedrock	10.1	37.8
bedrock	bedrock	451	bedrock	18.9	37.8
bedrock	bedrock	451	bedrock	21.3	37.8
bedrock	bedrock	451	bedrock	8.5	37.8
sand/gravel	permeable	598	aquifer, uncor	5.5	
boulder/gravel	permeable	851	aquifer, uncor	12.2	10.7
clay	low	aquitard	bedrock	6.1	3
bedrock	bedrock	448	bedrock	0.9	3
clay	low	aquitard	bedrock	6.1	4.3
bedrock	bedrock	933	bedrock	1.2	4.3
clay	low	aquitard		12.2	18.3
bedrock	bedrock	bedrock	aquifer	18.6	18.3
clay	low	aquitard		9.1	8.2
bedrock	bedrock	593	bedrock	5.5	4
CLAY/sand	low	aquitard	aquifer, confir	54.9	
bedrock	bedrock	bedrock	aquifer, confir	11.5	
clay	low	aquitard	aquifer, confir	5.8	5.8
sand/gravel	permeable	aquifer (confir	aquifer, confir	1.5	5.8
clay	low	aquitard	bedrock	3.4	

bedrock	bedrock	451	bedrock	17	
bedrock	bedrock	451	bedrock	2.4	
bedrock	bedrock		bedrock aquifer	2.7	4.3
till	low		aquitard	10.7	9.1
sand/gravel/clay	ambiguous		aquifer (uncor aquifer, uncor	3.4	7
clay	low		aquitard 451	6.7	
sand/gravel	permeable		permeable, dr 451	25.6	
clay	low		aquitard 451	14	
sand/gravel	permeable	444	451	4	
clay	low		aquitard bedrock	3.4	
bedrock	bedrock	451	bedrock	0.6	
bedrock	bedrock	451	bedrock	8.2	
clay	low		aquitard bedrock	60.4	
bedrock	bedrock	622	bedrock	0.6	
clay	low		aquitard bedrock	5.5	
bedrock	bedrock	451	bedrock	0.6	
clay	low		aquitard bedrock	4.6	18.3
bedrock	bedrock	451	bedrock	30.5	18.3
clay	low		aquitard bedrock	0.6	0.9
bedrock	bedrock	451	bedrock	0.6	0.9
sand/gravel	permeable		permeable	0.6	
bedrock	bedrock	451	bedrock	2.4	
clay	low		aquitard bedrock	6.1	28.7
clay	low		aquitard bedrock	19.2	28.7
bedrock	bedrock	933	bedrock	5.2	28.7
clay	low		aquitard	1.8	0.6
clay	low		aquitard bedrock	6.1	
bedrock	bedrock	451	bedrock	18.3	
bedrock	bedrock	451	bedrock	20.1	
bedrock	bedrock	451	bedrock	4.3	
clay	low		aquitard	2.4	
clay	low		aquitard bedrock	6.1	
bedrock	bedrock	451	bedrock	6.1	
clay	low		aquitard bedrock	2.1	5.5
bedrock	bedrock	933	bedrock	4	5.5
bedrock	bedrock	451	bedrock	34.1	
bedrock	bedrock	451	bedrock	0.6	
clay	low		aquitard	24.4	
sand/gravel	permeable		permeable	3	
sand/gravel/clay	ambiguous		ambiguous	15.2	6.1
till	low		aquitard bedrock	54.9	36.6
bedrock	bedrock	591	bedrock	21.3	36.6

clay	low	aquitard		12.2	6.1
clay	low	aquitard		2.4	2.4
sand/gravel	permeable	permeable		0.9	
silt	low	aquitard		6.1	1.5
clay	low	aquitard		4.6	0.6
clay	low	aquitard	aquifer, confir	22.9	
sand/gravel/cl	ambiguous		851 aquifer, confir	1.5	
silt	low	aquitard	440	2.1	4.6
bedrock	bedrock	bedrock	aquifer	71.7	
sand/gravel	permeable		440 440	3.4	4.6
clay	low	aquitard		10.4	
clay	low	aquitard		1.5	1.5
CLAY/gravel	low	aquitard		4.3	
sand/gravel/cl	ambiguous	ambiguous		2.4	
clay	low	aquitard		4.9	4.9
bedrock	bedrock		448 bedrock	1.8	3
			bedrock	3.7	
bedrock	bedrock		448 bedrock	1.9	3
clay	low	aquitard	bedrock	1.9	
bedrock	bedrock		448 bedrock	1.8	
bedrock	bedrock		448 bedrock	3.7	
bedrock	bedrock		448 bedrock	3.7	
clay	low	aquitard		5.5	
clay	low	aquitard		5.5	
soil/organic	low	aquitard		0.6	
CLAY/sand	ambiguous	ambiguous		10.7	
clay	low	aquitard	aquifer, confir	15.2	
sand/gravel	permeable	aquifer (confir	aquifer, confir	1.6	
clay	low	aquitard	aquifer, confir	36.9	10.7
sand/gravel	permeable		851 aquifer, confir	0.3	10.7
clay	low	aquitard		25	12.2
sand/gravel	permeable	permeable		2.1	
clay	low	aquitard		0.3	
clay	low	aquitard		8.5	
clay	low	aquitard	aquifer, uncor	3	1.2
sand/gravel	permeable		851 aquifer, uncor	0.2	1.2
clay	low	aquitard	aquifer, uncor	0.5	1.2
sand/gravel	permeable		592 aquifer, uncor	10.4	8.5
bedrock	bedrock		451 bedrock	8.2	
clay	low	aquitard		0.6	
clay	low	aquitard		6.1	4.9
clay	low	aquitard		10.1	1.2

clay	low	aquitard	bedrock	1.2	8.5
sand/gravel	permeable	permeable, dr	bedrock	0.6	8.5
CLAY/gravel	low	aquitard	bedrock	4.3	8.5
clay	low	aquitard	bedrock	1.8	8.5
sand/gravel	permeable	permeable, dr	bedrock	1.2	8.5
GRAVEL/silt	ambiguous	ambiguous	bedrock	3.7	8.5
clay	low	aquitard	bedrock	17.7	8.5
bedrock	bedrock	451	bedrock	6.7	8.5
bedrock	bedrock	593	bedrock	6.7	7.9
bedrock	bedrock	593	bedrock	3.1	7.9
CLAY/gravel	low	aquitard	aquifer, confir	6.4	18.3
CLAY/sand	ambiguous	ambiguous	aquifer, confir	2.4	18.3
sand/gravel	permeable	permeable, dr	aquifer, confir	0.3	18.3
till	low	aquitard	aquifer, confir	4.3	18.3
clay	low	aquitard	aquifer, confir	4.3	18.3
clay	low	aquitard	aquifer, confir	3	18.3
clay	low	aquitard	aquifer, confir	1.6	18.3
bedrock	bedrock	bedrock	aquifer	4.6	29
sand/gravel/cl	ambiguous	ambiguous	aquifer, confir	2.4	18.3
soil/organic	low	aquitard		0.5	5.5
till	low	aquitard		8	5.5
CLAY/sand	ambiguous	ambiguous		8.5	
clay	low	aquitard	bedrock	17.4	3
bedrock	bedrock	593	bedrock	0.6	3
SAND/clay	ambiguous	ambiguous		21.9	2.4
clay	low	aquitard		2.4	
clay	low	aquitard		4.9	4
clay	low	aquitard		3	0.5
clay	low	aquitard		15.2	5.8
clay	low	aquitard	bedrock	2.4	
bedrock	bedrock	593	bedrock	0.6	
sand/gravel/clay		aquifer (confir	aquifer, confir	12.2	
bedrock	bedrock	591	bedrock	64	38.1
sand/gravel	permeable	permeable		15.2	
clay	low	aquitard	aquifer, confir	19.8	
sand/gravel	permeable	590	aquifer, confir	7.6	
sand/gravel	permeable	590	aquifer, confir	21.4	
clay	low	aquitard	bedrock	42.7	
bedrock	bedrock	593	bedrock	0.3	
clay	low	aquitard		6.7	
silt	low	aquitard		5.5	
till	low	aquitard		6.1	

unknown/over	ambiguous	ambiguous	bedrock	23.5	
bedrock	bedrock	451	bedrock	0.9	
bedrock	bedrock	451	bedrock	5.8	
bedrock	bedrock	451	bedrock	0.6	
bedrock	bedrock	451	bedrock	6.4	
bedrock	bedrock	451	bedrock	0.9	
bedrock	bedrock	451	bedrock	5.5	
bedrock	bedrock	451	bedrock	0.3	
till	low	aquitard	bedrock	3.7	33.5
sand/gravel	permeable	permeable, dr	bedrock	0.6	33.5
sand/gravel	permeable	permeable, dr	bedrock	1.8	33.5
clay	low	aquitard	bedrock	3	33.5
CLAY/gravel	low	aquitard	bedrock	8.3	33.5
sand/gravel	permeable	permeable, dr	bedrock	0.6	33.5
clay	low	aquitard	bedrock	2.1	33.5
bedrock	bedrock	451	bedrock	1.2	33.5
bedrock	bedrock	451	bedrock	1.6	33.5
bedrock	bedrock	451	bedrock	3.9	33.5
bedrock	bedrock	451	bedrock	0.6	33.5
bedrock	bedrock	451	bedrock	3.1	33.5
bedrock	bedrock	451	bedrock	14.3	33.5
bedrock	bedrock	593	bedrock	9.1	4.6
sand/gravel	permeable	permeable		1.5	
clay	low	aquitard		5.2	
sand/gravel	permeable	permeable		3	
clay	low	aquitard		1.9	
CLAY/sand	ambiguous	ambiguous		29.3	
till	low	aquitard		3.4	2.4
clay	low	aquitard	aquifer, confir	8.5	6.1
clay	low	aquitard	aquifer, confir	9.8	
sand/gravel	permeable	596	aquifer, confir	0.6	6.1
clay	low	aquitard		17.1	
clay	low	aquitard	bedrock	3	
bedrock	bedrock	bedrock	aquif bedrock	18.3	
till	low	aquitard	bedrock	7.6	9.1
bedrock	bedrock	688	bedrock	22.9	9.1
clay	low	aquitard		4.6	
till	low	aquitard		91.4	
silt	low	aquitard		12.2	
tbd				25	
clay	low	aquitard		16.8	
clay	low	aquitard		19.2	

silt	low	aquitard		3.7	
sand/gravel	permeable	permeable		2.1	
silt	low	aquitard		2.1	
clay	low	aquitard	aquifer 624-626	8.5	7.3
sand/gravel	permeable		626 aquifer 624-626	0.5	7.3
CLAY/gravel	low	aquitard		21.3	
bedrock	bedrock		627 bedrock	10.4	
clay	low	aquitard	aquifer 624-626	4.6	3.7
sand/gravel	permeable		628 aquifer 624-626	1.5	3.7
silt/clay	low	aquitard		15.2	
soil/organic	ambiguous	ambiguous	aquifer, confir	0.9	
silt/clay	low	aquitard	aquifer, confir	0.9	
sand/gravel	permeable	permeable	aquifer, confir	1.2	
till	low	aquitard	aquifer, confir	2.5	
sand/gravel	permeable	aquifer (confir	aquifer, confir	0.6	
sand/gravel	permeable	permeable	bedrock	10.7	3
clay	low	aquitard	bedrock	9.1	3
bedrock	bedrock		627 bedrock	6.1	3
bedrock	bedrock		627 bedrock	6.1	3
bedrock	bedrock		627 bedrock	0.3	3
bedrock	bedrock		627 bedrock	8.8	3
bedrock	bedrock		627 bedrock	39.7	3
silt	low	aquitard	923	30.5	
sand/gravel	permeable		923 923	9.1	
clay	low	aquitard	bedrock	4.6	
bedrock	bedrock		932 bedrock	30.5	
silt	low	aquitard		4.3	3
sand/gravel	permeable	permeable		3.7	
silt/clay	low	aquitard		1.9	
silt	low	aquitard		2.4	
bedrock	bedrock	bedrock	aquifer	3.7	29
bedrock	bedrock	bedrock	aquifer	1	29
CLAY/gravel	low	aquitard		15.2	
bedrock	bedrock		932 bedrock	4.6	
bedrock	bedrock		932 bedrock	9.4	
bedrock	bedrock		932 bedrock	0.3	
bedrock	bedrock		932 bedrock	5.5	
bedrock	bedrock		932 bedrock	2.1	
bedrock	bedrock		932 bedrock	86.3	
clay	low	aquitard	aquifer, confir	73.2	21.3
sand/gravel	permeable	aquifer (confir	aquifer, confir	6	21.3
silt	low	aquitard		0.6	3

clay	low	aquitard		37.5	3
clay	low	aquitard	bedrock	45.7	
bedrock	bedrock	bedrock	aquifer	bedrock	30.5
bedrock	bedrock	451	bedrock	91.4	
sand/gravel	permeable	628	aquifer	624-62	4.3
clay	low	aquitard	451	56.7	9.1
sand/gravel	permeable	451	451	3	9.1
CLAY/sand	low	aquitard	aquifer	624-62	6.1
sand/gravel	permeable	626	aquifer	624-62	3
sand/gravel	permeable	628, dry	dry	13.7	
sand/gravel	permeable	628, dry	dry	4.6	
sand/gravel	permeable	628, dry	dry	0.7	
clay	low	aquitard	aquifer, confir	4	3
sand/gravel	permeable	903	aquifer, confir	0.3	3
clay	low	aquitard	aquifer, confir	3	3
till	low	aquitard		11.3	10.1
sand/gravel	permeable	aquifer (uncor	aquifer, uncor	9.1	0.9
clay	low	aquitard		9.1	4.6
clay	low	aquitard	bedrock	7.6	
bedrock	bedrock	448	bedrock	1.5	
bedrock	bedrock	448	bedrock	4.6	
sand/gravel/cl	ambiguous	ambiguous		7.6	
clay	low	aquitard	aquifer, confir	1.2	
silt	low	aquitard	aquifer, confir	50.6	
sand/gravel	permeable	590	aquifer, confir	2.5	
sand/gravel	permeable	590	aquifer, confir	0.6	
sand/gravel	permeable	628	aquifer	624-62	1.5
till	low	aquitard	aquifer	624-62	7.6
sand/gravel	permeable	628	aquifer	624-62	0.9
clay	low	aquitard	bedrock	15.2	9.1
bedrock	bedrock	451	bedrock	6.1	9.1
clay	low	aquitard		30.5	
clay	low	aquitard		2.4	1.5
sand/gravel	permeable	625	aquifer	624-62	10.1
sand/gravel	permeable	permeable		15.2	
till	low	aquitard	bedrock	4.3	7.6
silt/clay	low	aquitard		36.6	30.5
clay	low	aquitard	bedrock	4.6	4.6
bedrock	bedrock	451	bedrock	6.1	4.6
bedrock	bedrock	451	bedrock	4.5	4.6
clay	low	aquitard	bedrock	13.7	11.6
bedrock	bedrock	451	bedrock	7.6	11.6



clay	low	aquitard	bedrock	54.9	39.6
bedrock	bedrock	451	bedrock	9.1	39.6
clay	low	aquitard	bedrock	36.6	35.1
bedrock	bedrock	451	bedrock	16.7	35.1
clay	low	aquitard		26.2	
sand/gravel	permeable	permeable		4.3	
clay	low	aquitard		35	
clay	low	aquitard	bedrock	30.5	79.2
CLAY/gravel	low	aquitard	bedrock	6.1	79.2
bedrock	bedrock	451	bedrock	64	79.2
bedrock	bedrock	451	bedrock	91.4	45.7
bedrock	bedrock	451	bedrock	91.4	
clay	low	aquitard	bedrock	41.1	27.4
bedrock	bedrock	451	bedrock	24.4	27.4
clay	low	aquitard	bedrock	1.8	
bedrock	bedrock	932	bedrock	89.6	
bedrock	bedrock	bedrock	aquifer	5.7	29
bedrock	bedrock	bedrock	aquifer	1.5	29
clay	low	aquitard	aquifer, confir	4.3	1.2
sand/gravel	permeable	851	aquifer, confir	1.8	1.2
clay	low	aquitard		97.5	
clay	low	aquitard	bedrock	9.1	
bedrock	bedrock	593	bedrock	0.9	
clay	low	aquitard	bedrock	54.9	
bedrock	bedrock	451	bedrock	6.1	
clay	low	aquitard	687-442	0.9	6.7
sand/gravel	permeable	687	687-442	9.8	6.7
clay	low	aquitard	bedrock	36.6	36.6
till	low	aquitard	bedrock	6.1	36.6
bedrock	bedrock	451	bedrock	60.9	36.6
bedrock	bedrock	451	bedrock	0.4	36.6
clay	low	aquitard	bedrock	39.9	36.6
bedrock	bedrock	451	bedrock	1.2	36.6
bedrock	bedrock	451	bedrock	51.9	36.6
clay	low	aquitard	bedrock	27.4	18.3
bedrock	bedrock	451	bedrock	9.2	18.3
till	low	aquitard	bedrock	9.1	10.7
bedrock	bedrock	451	bedrock	21.4	10.7
bedrock	bedrock	622	bedrock	51.8	
clay	low	aquitard		3.7	
sand/gravel	permeable	permeable		1.8	1.2
clay	low	aquitard	bedrock	11	3.7

bedrock	bedrock	593	bedrock	0.6	3.7
till	low	aquitard		24.4	4.9
clay	low	aquitard	bedrock	30.5	83.2
boulder/gravel	permeable	permeable, dr	bedrock	6.1	83.2
bedrock	bedrock	451	bedrock	67	83.2
silt	low	aquitard	bedrock	40.5	15.2
bedrock	bedrock	917	bedrock	0.6	15.2
clay	low	aquitard	bedrock	73.2	
bedrock	bedrock	451	bedrock	27.4	
clay	low	aquitard		9.1	
bedrock	bedrock	bedrock	aquifer	67.1	
clay	low	aquitard		6.1	1.5
SAND/clay	ambiguous	ambiguous		6.1	1.5
clay	low	aquitard		27.4	
CLAY/sand	low	aquitard		213.4	
clay	low	aquitard	bedrock	12.5	
bedrock	bedrock	591	bedrock	0.5	
clay	low	aquitard	bedrock	9.1	
sand/gravel	permeable	permeable	bedrock	26.9	
bedrock	bedrock	448	bedrock	0.6	
bedrock	bedrock	448	bedrock	41.1	
clay	low	aquitard		4.6	2.7
clay	low	aquitard	bedrock	10.7	
sand/gravel	permeable	permeable	bedrock	25.9	
sand/gravel	permeable	permeable	bedrock	4.5	
bedrock	bedrock	448	bedrock	82.3	
clay	low	aquitard		61	57.9
bedrock	bedrock	593	bedrock	42.7	12.2
clay	low	aquitard	bedrock	54.9	
bedrock	bedrock	622	bedrock	0.6	
bedrock	bedrock	622	bedrock	1.5	
clay	low	aquitard		15.2	
sand/gravel	permeable	permeable, dry		1.2	
clay	low	aquitard		12.2	
boulder/gravel	permeable	permeable, dry		1.5	
sand/gravel	permeable	permeable, dry		3.1	
clay	low	aquitard		16.7	
sand/gravel	permeable	permeable		3	
CLAY/sand	low	aquitard		4.6	
clay	low	aquitard		1.2	
sand/gravel	permeable	permeable		0.2	
clay	low	aquitard		9.6	

till	low	aquitard		10.4	1.2
clay	low	aquitard	bedrock	10.7	
bedrock	bedrock		634 bedrock	0.3	
clay	low	aquitard		45.7	
clay	low	aquitard	bedrock	0.9	
bedrock	bedrock		448 bedrock	3.4	
silt	low	aquitard		3.7	3
clay	low	aquitard	bedrock	19.8	
sand/gravel	permeable	permeable, dr	bedrock	15.3	
bedrock	bedrock		451 bedrock	64	
bedrock	bedrock	bedrock	aquifer	3.7	29
bedrock	bedrock	bedrock	aquifer	0.3	29
soil/organic	low	aquitard	aquifer, confir	4.6	21.6
clay	low	aquitard	aquifer, confir	6.1	21.6
sand/gravel	permeable	aquifer (confir	aquifer, confir	12.5	21.6
bedrock	bedrock	bedrock aquif	aquifer, confir	0.8	21.6
clay	low	aquitard	bedrock	4.6	102.1
bedrock	bedrock		451 bedrock	178.3	102.1
clay	low	aquitard	bedrock	10.7	1.2
bedrock	bedrock		451 bedrock	1.5	1.2
clay	low	aquitard	bedrock	20.7	3.7
bedrock	bedrock		591 bedrock	0.6	3.7
clay	low	aquitard	bedrock	21.3	10.7
bedrock	bedrock		593 bedrock	0.7	10.7
clay	low	aquitard	aquifer, confir	36	36
sand/gravel	permeable	permeable	aquifer, confir	30.5	
sand/gravel	permeable		594 aquifer, confir	30.5	
sand/gravel/cl	ambiguous		594 aquifer, confir	25	36
clay	low	aquitard	aquifer, confir	30.4	
bedrock	bedrock	bedrock aquif	aquifer, confir	6.1	
clay	low	aquitard	aquifer, confir	30.5	
clay	low	aquitard	aquifer, confir	30.5	
bedrock	bedrock	bedrock	aquifer	0.9	29
clay	low	aquitard	bedrock	30.5	4.6
bedrock	bedrock	bedrock aquif	bedrock	24.4	4.6
clay	low	aquitard		115.8	
sand/gravel	permeable	permeable		29	
clay	low	aquitard	bedrock	24.4	
tbd			bedrock	0.9	
sand/gravel	permeable	permeable	bedrock	5.2	
bedrock	bedrock		622 bedrock	33.5	
bedrock	bedrock		622 bedrock	6.1	

bedrock	bedrock	622	bedrock		6.1	
clay	low	aquitard			10.7	5.2
till	low	aquitard			0.1	5.2
silt	low	aquitard			33.7	5.2
till	low	aquitard			0.3	5.2
clay	low	aquitard			4.6	1.8
clay	low	aquitard			30.5	1.8
clay	low	aquitard	aquifer, confir		9.1	29
sand/gravel	permeable	permeable	aquifer, confir		0.3	29
clay	low	aquitard	aquifer, confir		19.6	29
sand/gravel	permeable	590	aquifer, confir		12.1	29
clay	low	aquitard			41.1	
till	low	aquitard			31.7	
clay	low	aquitard	bedrock		0.9	13.4
bedrock	bedrock	451	bedrock		14.3	13.4
clay	low	aquitard	aquifer, confir		6.1	1.2
boulder/gravel	permeable	592	aquifer, confir		5.2	1.2
sand/gravel	permeable	permeable			1.2	1.8
clay	low	aquitard			3.7	1.8
sand/gravel	permeable	permeable			3	1.5
clay	low	aquitard			6.7	
clay	low	aquitard			5.8	
SAND/clay	ambiguous	aquitard			21.6	
till	low	aquitard	440		5.5	21.3
till	low	aquitard	440		15.8	21.3
sand/gravel	permeable	440	440		3.1	21.3
unknown/overburden					15.5	
sand/gravel/cl	permeable	permeable			31.7	
silt/clay	low	aquitard			1	
SAND/clay	ambiguous	aquitard			7.9	
sand/gravel	permeable	aquifer (unconfined)			2.4	
SAND/clay	ambiguous	aquitard			23.2	
silt	low	aquitard	440		2.1	30.5
till	low	aquitard	440		10.1	30.5
sand/gravel	permeable	440	440		1.5	30.5
silt/clay	low	aquitard	440		6.1	30.5
sand/gravel	permeable	440	440		11.3	30.5
till	low	aquitard	440		4.6	30.5
bedrock	bedrock	bedrock aquif	440		5.8	30.5
clay	low	aquitard	aquifer, confir		18.3	39
silt	low	aquitard	aquifer, confir		6.1	39
sand/gravel	permeable	590	aquifer, confir		3	39

sand/gravel	permeable	590	aquifer, confir	9.2	39
bedrock	bedrock	bedrock	aquifer, confir	3	39
bedrock	bedrock	bedrock	aquifer, confir	9.2	39
bedrock	bedrock	bedrock	aquifer, confir	3	39
clay	low		aquitard	2.1	
sand/gravel	permeable	permeable	aquifer, confir	1.6	
clay	low	aquitard	bedrock	15.2	12.2
bedrock	bedrock	451	bedrock	6.1	12.2
clay	low	aquitard	bedrock	21.3	30.5
bedrock	bedrock	451	bedrock	30.5	30.5
clay	low	aquitard		2.1	0.3
clay	low	aquitard	bedrock	5.8	56.4
till	low	aquitard	bedrock	18.3	56.4
clay	low	aquitard	bedrock	5.8	56.4
clay	low	aquitard	bedrock	31.4	56.4
bedrock	bedrock	451	bedrock	0.3	56.4
bedrock	bedrock	451	bedrock	10.6	56.4
clay	low	aquitard	aquifer, confir	3.7	2.4
bedrock	bedrock		bedrock aquifer	1.5	29
bedrock	bedrock		bedrock aquifer	3	29
sand/gravel	permeable	851	aquifer, confir	0.3	2.4
bedrock	bedrock	593	bedrock	1.5	2.4
bedrock	bedrock	593	bedrock	3.4	2.4
sand/gravel	permeable		aquifer (uncor aquifer, uncor	13.7	13.4
clay	low	aquitard	bedrock	0.9	15.5
bedrock	bedrock	451	bedrock	16.2	15.5
clay	low	aquitard		3	4.6
clay	low	aquitard		6.8	4.6
clay	low	aquitard	bedrock	3	9.1
bedrock	bedrock	593	bedrock	35.1	9.1
bedrock	bedrock	593	bedrock	0.9	9.1
bedrock	bedrock	593	bedrock	22	9.1
soil/organic	low	aquitard	aquifer, confir	0.4	4
clay	low	aquitard	aquifer, confir	1.1	4
CLAY/sand	ambiguous	ambiguous	aquifer, confir	22.9	4
sand/gravel/cl	ambiguous	590	aquifer, confir	0.6	4
clay	low	aquitard	aquifer, confir	20.1	4
clay	low	aquitard	bedrock	18.3	56.4
silt	low	aquitard	bedrock	64	56.4
bedrock	bedrock	451	bedrock	4.6	56.4
bedrock	bedrock		bedrock aquifer	16.8	29
bedrock	bedrock		bedrock aquifer	0.9	29

clay	low	aquitard		6.1	3.7
till	low	aquitard		1.8	3.7
clay	low	aquitard	bedrock	15.2	0.3
bedrock	bedrock		593 bedrock	4.6	0.3
clay	low	aquitard	bedrock	4.6	
bedrock	bedrock		932 bedrock	32	
silt	low	aquitard		1.8	
sand/gravel/cl	ambiguous	ambiguous		2.5	
clay	low	aquitard	bedrock	2.4	5.5
bedrock	bedrock		933 bedrock	5.2	5.5
clay	low	aquitard	charlie lake ct	12.2	
sand/gravel	permeable	permeable, dr	charlie lake ct	0.3	
clay	low	aquitard	charlie lake ct	33.2	
sand/gravel	permeable	aquifer (Charl	charlie lake ct	3.1	
clay	low	aquitard	bedrock	4.6	
bedrock	bedrock		932 bedrock	32	
bedrock	bedrock		451 bedrock	14.6	4.6
clay	low	aquitard	bedrock	29.3	
bedrock	bedrock		622 bedrock	0.6	
bedrock	bedrock		622 bedrock	9.7	
bedrock	bedrock		622 bedrock	1.5	
bedrock	bedrock	bedrock aquifer		0.6	29
bedrock	bedrock	bedrock aquifer		14.7	29
clay	low	aquitard	bedrock	22.9	
bedrock	bedrock		622 bedrock	15.2	
clay	low	aquitard	bedrock	27.4	22.9
sand/gravel	permeable		591 bedrock	3.1	22.9
bedrock	bedrock		591 bedrock	48.8	
bedrock	bedrock		591 bedrock	45.7	22.9
CLAY/sand	low	aquitard	bedrock	27.4	
till	low	aquitard	bedrock	18.3	15.2
bedrock	bedrock		451 bedrock	39.6	15.2
silt	low	aquitard		1.2	
silt/clay	low	aquitard		2.2	
sand/gravel	permeable	permeable		1.8	
silt/clay	low	aquitard		9.7	
CLAY/sand	ambiguous	aquitard		14.4	
SAND/clay	ambiguous	aquifer (confined)		1.2	
SAND/clay	ambiguous	aquifer (confined)		3.9	
CLAY/sand	low	aquitard		5.2	
bedrock	bedrock		451 bedrock	30.5	24.4
clay	low	aquitard	bedrock	36.6	

till	low	aquitard	bedrock	24.4	
bedrock	bedrock	622	bedrock	15.2	
soil/organic	ambiguous	ambiguous	bedrock	3	25.9
bedrock	bedrock	451	bedrock	37.2	25.9
CLAY/sand	ambiguous	ambiguous	aquifer, confir	38.1	16.8
sand/gravel	permeable	592	aquifer, confir	0.9	16.8
CLAY/sand	ambiguous	ambiguous	aquifer, confir	36.6	47.2
sand/gravel	permeable	594	aquifer, confir	42.6	47.2
sand/gravel	permeable	594	aquifer, confir	6.1	47.2
sand/gravel	permeable	594	aquifer, confir	6.1	47.2
clay	low	aquitard		0.6	
silt	low	aquitard		0.6	
clay	low	aquitard		10.1	
silt	ambiguous	ambiguous	aquifer, confir	0.9	
till	low	aquitard	bedrock	6.1	30.5
bedrock	bedrock	634	bedrock	60.3	30.5
bedrock	bedrock	593	bedrock	3.7	
clay	low	aquitard	bedrock	4.6	18.3
bedrock	bedrock	451	bedrock	28.9	18.3
silt	low	aquitard	687-442	0.6	6.7
clay	low	aquitard	687-442	1.2	6.7
sand/gravel	permeable	687	687-442	7.3	6.7
clay	low	aquitard	bedrock	6.1	29
bedrock	bedrock	451	bedrock	29.3	29
clay	low	aquitard	bedrock	44.2	0.6
bedrock	bedrock	591	bedrock	1.5	0.6
clay	low	aquitard	aquifer, confir	18.3	
bedrock	bedrock	591	bedrock	17.4	7.6
sand/gravel	permeable	594	aquifer, confir	56.4	
sand/gravel	permeable	625	624-625-627-1	7.3	
sand/gravel	permeable	629	aquifer 624-62	4.3	2.4
sand/gravel/cl	ambiguous	aquitard		14.6	13.1
clay	low	aquitard		7.6	
clay	low	aquitard	bedrock	30.5	
bedrock	bedrock	591	bedrock	2.4	
silt/clay	low	aquitard		5.5	
silt/clay	low	aquitard		10.7	
clay	low	aquitard	bedrock	21.3	
boulder/grave	permeable	permeable	bedrock	1	
silt	low	aquitard	bedrock	5.1	
bedrock	bedrock	622	bedrock	24.4	
bedrock	bedrock	622	bedrock	3.1	

bedrock	bedrock	451	bedrock	36.6	29
clay	low	aquitard	bedrock	4.6	48.8
bedrock	bedrock	451	bedrock	53.3	48.8
till	low	aquitard	bedrock	38.1	
bedrock	bedrock	451	bedrock	57.9	
clay	low	aquitard	bedrock	3	2.4
bedrock	bedrock	451	bedrock	8.6	2.4
bedrock	bedrock		bedrock aquifer	7.9	29
bedrock	bedrock		bedrock aquifer	9.4	29
clay	low	aquitard	bedrock	3	5.5
bedrock	bedrock	451	bedrock	5.5	5.5
sand/gravel	permeable		permeable, dr bedrock	4.9	
bedrock	bedrock	627	bedrock	31.7	
soil/organic	ambiguous		ambiguous aquifer 624-62	4.9	
sand/gravel	permeable	625	aquifer 624-62	7.3	11.6
clay	low		aquitard	54.9	
clay	low		aquitard	2.4	
till	low		aquitard	33.5	28.7
GRAVEL/silt	ambiguous	628	aquifer 624-62	0.3	
sand/gravel	permeable	628	aquifer 624-62	1.8	
sand/gravel	permeable	628	aquifer 624-62	1.9	
clay	low		aquitard bedrock	18.3	24.4
bedrock	bedrock	451	bedrock	32	24.4
clay	low		aquitard bedrock	24.4	
bedrock	bedrock	933	bedrock	3	
clay	low		aquitard bedrock	18.3	27.4
bedrock	bedrock	451	bedrock	24.4	27.4
clay	low		aquitard	15.2	
unknown/over	ambiguous		ambiguous	1.3	
tbd	ambiguous		ambiguous	0.9	
clay	low		aquitard bedrock	3	
bedrock	bedrock	451	bedrock	27.5	
clay	low		aquitard bedrock	24.4	
bedrock	bedrock	451	bedrock	0.3	
clay	low		aquitard	60.9	
clay	low		aquitard	39.6	
bedrock	bedrock	451	bedrock	15.2	
clay	low		aquitard bedrock	0.6	
bedrock	bedrock	448	bedrock	0.6	
bedrock	bedrock	448	bedrock	17.1	
clay	low		aquitard bedrock	18.3	
bedrock	bedrock	451	bedrock	0.3	



sand/gravel	permeable	permeable		5.2	
till	low	aquitard		88.4	3
clay	low	aquitard	bedrock	4.6	
bedrock	bedrock		932 bedrock	32	
silt	low	aquitard		6.1	3.7
sand/gravel	permeable		623	39.6	3.7
till	low	aquitard		5.8	3.7
GRAVEL/silt	ambiguous	ambiguous		3	2.4
clay	low	aquitard		1.3	2.4
till	low	aquitard		3.7	3.7
silt	low	aquitard		2.4	3.7
clay	low	aquitard	bedrock	4.6	
bedrock	bedrock		932 bedrock	32	
clay	low	aquitard	bedrock	6.1	
bedrock	bedrock		451 bedrock	33.5	
clay	low	aquitard	bedrock	9.1	
bedrock	bedrock		451 bedrock	18.3	
clay	low	aquitard	bedrock	3.7	3.7
SAND/clay	ambiguous	ambiguous	bedrock	3	3.7
bedrock	bedrock		451 bedrock	3.1	3.7
CLAY/gravel	low	aquitard		12.2	
clay	low	aquitard		45.7	
clay	low	aquitard	bedrock	25.6	50.9
sand/gravel	permeable	permeable, dr	bedrock	3.1	50.9
bedrock	bedrock		451 bedrock	24.9	50.9
bedrock	bedrock		451 bedrock	2.5	50.9
bedrock	bedrock		451 bedrock	11	50.9
clay	low	aquitard		13.7	
sand/gravel	permeable	permeable		7.6	
clay	low	aquitard		32	
clay	low	aquitard		4.9	
clay	low	aquitard	bedrock	6.1	10.7
tbd	ambiguous	ambiguous	bedrock	15.2	10.7
bedrock	bedrock		933 bedrock	0.7	10.7
bedrock	bedrock		451 bedrock	38.4	4.9
clay	low	aquitard	bedrock	8.2	10.4
bedrock	bedrock		933 bedrock	2.5	10.4
bedrock	bedrock		933 bedrock	2.1	10.4
bedrock	bedrock	bedrock	aquifer	5.2	29
clay	low	aquitard	bedrock	4.6	25.9
bedrock	bedrock		595 bedrock	41.1	25.9
clay	low	aquitard	bedrock	12.2	

bedrock	bedrock	bedrock aquif	bedrock	9.1	
clay	low	aquitard	bedrock	14.3	3.4
CLAY/sand	ambiguous	ambiguous	bedrock	1.9	3.4
bedrock	bedrock	591	bedrock	2.1	3.4
clay	low	aquitard	bedrock	24.4	
bedrock	bedrock	bedrock aquif	bedrock	112.8	
CLAY/gravel	low	aquitard		7.3	6.1
clay	low	aquitard	451	9.1	8.5
boulder/grave	permeable	444	451	0.3	8.5
sand/gravel	permeable	444	451	3.4	8.5
clay	low	aquitard	bedrock	3.7	
bedrock	bedrock	451	bedrock	13.1	
bedrock	bedrock	451	bedrock	2.1	
bedrock	bedrock	451	bedrock	0.9	
bedrock	bedrock	451	bedrock	3.1	
bedrock	bedrock	451	bedrock	7.9	
bedrock	bedrock	451	bedrock	2.7	
bedrock	bedrock	451	bedrock	1.6	
bedrock	bedrock	451	bedrock	103.6	
till	low	aquitard	aquifer, confir	18.3	21.3
sand/gravel	permeable	permeable	aquifer, confir	48.8	21.3
sand/gravel	permeable	590	aquifer, confir	9.1	21.3
bedrock	bedrock	451	bedrock	35.4	19.8
sand/gravel/cl	ambiguous	ambiguous		30.5	
bedrock	bedrock	451	bedrock	25.6	16.5
till	low	aquitard		3.7	2.4
till	low	aquitard		3.7	
sand/gravel	permeable	aquifer (confir	aquifer, confir	0.6	
till	low	aquitard	bedrock	27.4	
bedrock	bedrock	bedrock aquif	bedrock	64	
clay	low	aquitard		6.7	
sand/gravel	permeable	628	624-625-627-l	3.7	
clay	low	aquitard	bedrock	4.6	
bedrock	bedrock	932	bedrock	32	
till	low	aquitard	bedrock	3	
bedrock	bedrock	451	bedrock	22.3	
bedrock	bedrock	451	bedrock	1.2	
bedrock	bedrock	451	bedrock	4	
bedrock	bedrock	451	bedrock	3	
bedrock	bedrock	451	bedrock	3.1	
bedrock	bedrock	451	bedrock	10.6	
bedrock	bedrock	451	bedrock	1.6	

bedrock	bedrock	451	bedrock	1.5	
bedrock	bedrock	451	bedrock	7.6	
bedrock	bedrock	451	bedrock	6	
sand/gravel	permeable		permeable bedrock	7	
clay	low		aquitard bedrock	5.2	
sand/gravel	permeable	923	bedrock	14	
bedrock	bedrock		bedrock aquif bedrock	4.9	
sand/gravel	permeable		permeable bedrock	5.5	
clay	low		aquitard bedrock	6.1	
sand/gravel	permeable		permeable bedrock	6.7	
bedrock	bedrock		bedrock aquif bedrock	8.2	
bedrock	bedrock		bedrock aquif bedrock	8.6	
till	low		aquitard bedrock	11	
bedrock	bedrock	441	bedrock	8.5	
bedrock	bedrock	441	bedrock	12.8	
bedrock	bedrock	441	bedrock	7.3	
clay	low		aquitard bedrock	18.3	17.7
bedrock	bedrock	595	bedrock	21.3	17.7
clay	low		aquitard	27.4	
sand/gravel	permeable		permeable, dry	7.7	
clay	low		aquitard	10.6	
clay	low		aquitard	5.8	
bedrock	bedrock	451	bedrock	14	11.9
clay	low		aquitard bedrock	21.3	24.4
bedrock	bedrock	634	bedrock	9.2	24.4
clay	low		aquitard bedrock	8.5	
bedrock	bedrock	451	bedrock	0.5	
clay	low		aquitard bedrock	1.2	21.9
bedrock	bedrock	451	bedrock	6.1	21.9
bedrock	bedrock	451	bedrock	12.2	21.9
bedrock	bedrock	451	bedrock	6.4	21.9
till	low		aquitard bedrock	27.4	
bedrock	bedrock	451	bedrock	4.6	
bedrock	bedrock	451	bedrock	40.2	
silt/clay	low		aquitard charlie lake ct	106.7	36.6
SAND/clay	ambiguous		ambiguous charlie lake ct	54.8	36.6
tbd	ambiguous		ambiguous charlie lake ct	3.1	36.6
sand/gravel	permeable		aquifer (Charl charlie lake ct	3	36.6
clay	low		aquitard bedrock	4.6	19.8
bedrock	bedrock	451	bedrock	25.9	19.8
clay	low		aquitard bedrock	8.2	7
bedrock	bedrock	451	bedrock	2.2	7

yield/groundw	ambiguous	ambiguous		9.1	1.5
clay	low	aquitard	bedrock	9.1	
bedrock	bedrock	451	bedrock	0.7	
sand/gravel	permeable	permeable, dr	451	4.6	
clay	low	aquitard	451	25.9	
sand/gravel	permeable	444	451	9.1	
clay	low	aquitard	bedrock	4.6	22.6
bedrock	bedrock	451	bedrock	20.7	22.6
clay	low	aquitard	bedrock	4.6	36.6
bedrock	bedrock	451	bedrock	56.4	36.6
bedrock	bedrock	451	bedrock	38.1	36.6
bedrock	bedrock	451	bedrock	7.6	36.6
clay	low	aquitard	charlie lake ct	61	21.3
sand/gravel	permeable	aquifer (Charl	charlie lake ct	24.3	21.3
clay	low	aquitard	bedrock	5.5	
bedrock	bedrock	448	bedrock	40.2	
clay	low	aquitard	bedrock	3.7	
bedrock	bedrock	933	bedrock	148.7	
clay	low	aquitard	bedrock	3	46
bedrock	bedrock	451	bedrock	18.3	46
bedrock	bedrock	451	bedrock	3.1	46
bedrock	bedrock	451	bedrock	23.5	46
clay	low	aquitard	bedrock	1.2	
bedrock	bedrock	933	bedrock	1.2	
till	low	aquitard	bedrock	74.7	70.1
bedrock	bedrock	448	bedrock	1.5	70.1
bedrock	bedrock	448	bedrock	1.5	70.1
clay	low	aquitard	bedrock	4.6	8.8
till	low	aquitard	bedrock	5.2	8.8
bedrock	bedrock	591	bedrock	3	8.8
clay	low	aquitard		14.6	
clay	low	aquitard	bedrock	57.9	61
bedrock	bedrock	451	bedrock	13.7	61
clay	low	aquitard	aquifer, confir	8.8	
sand/gravel	permeable	aquifer (confir	aquifer, confir	0.3	
tbd	ambiguous	ambiguous	aquifer, confir	10.1	
clay	low	aquitard	bedrock	35.1	6.1
bedrock	bedrock	451	bedrock	30.1	6.1
clay	low	aquitard		21.3	
sand/gravel	permeable	permeable, dry		1	
CLAY/sand	ambiguous	ambiguous		1.2	
clay	low	aquitard		21.3	

clay	low	aquitard	bedrock		35.1	57.9
bedrock	bedrock		451 bedrock		41.1	57.9
till	low	aquitard	bedrock		6.1	36.6
GRAVEL/silt	ambiguous	permeable, dr	bedrock		18.3	36.6
bedrock	bedrock		451 bedrock		32	36.6
clay	low	aquitard	bedrock		36.6	7.6
bedrock	bedrock		451 bedrock		9.1	7.6
clay	low	aquitard	bedrock		57.9	
bedrock	bedrock		593 bedrock		18.3	
silt/clay	low	aquitard	bedrock		79.2	
sand/gravel	permeable	permeable	bedrock		6.1	
till	low	aquitard	bedrock		9.2	
bedrock	bedrock	bedrock aquif	bedrock		13.7	
clay	low	aquitard		440	11	
till	low	aquitard		440	1.2	
sand/gravel	permeable			440	440	1.5
yield/groundw	permeable			440	440	2.8
clay	low	aquitard	bedrock		22.9	
bedrock	bedrock	bedrock aquif	bedrock		35	
sand/gravel	permeable		628 624-625-627-1		3	4
sand/gravel	permeable		628 624-625-627-1		1.9	4
GRAVEL/silt	ambiguous		628 624-625-627-1		2.1	4
GRAVEL/silt	ambiguous		628 624-625-627-1		2.1	4
till	low	aquitard	624-625-627-1		9.2	4
GRAVEL/silt	ambiguous	aquitard	624-625-627-1		1.5	4
CLAY/sand	low	aquitard	624-625-627-1		1.5	4
till	low	aquitard	624-625-627-1		4.6	4
bedrock	bedrock		627 624-625-627-1		4	4
sand/gravel	permeable		628 624-625-627-1		1.5	
sand/gravel	permeable		628 624-625-627-1		0.3	
sand/gravel	permeable		628 624-625-627-1		1.6	
sand/gravel	permeable		628 624-625-627-1		3	
till	low	aquitard	624-625-627-1		5.2	
bedrock	bedrock	bedrock aquif	624-625-627-1		0.6	
silt/clay	low	aquitard	624-625-627-1		2.1	
GRAVEL/silt	ambiguous		628 624-625-627-1		2.8	
till	low	aquitard	624-625-627-1		38.7	
clay	low	aquitard	624-625-627-1		2.1	4.3
sand/gravel	ambiguous		628 624-625-627-1		2.5	4.3
sand/gravel	permeable		628 624-625-627-1		1.2	4.3
till	low	aquitard	624-625-627-1		3.3	4.3
bedrock	bedrock	bedrock aquif	624-625-627-1		2.8	4.3

GRAVEL/silt	ambiguous	628	624-625-627-	4.9	
till	low	aquitard	624-625-627-	7.3	
GRAVEL/silt	ambiguous	628	bedrock	4.9	3.7
till	low	aquitard	bedrock	13.4	3.7
bedrock	bedrock	627	bedrock	6.1	
sand/gravel	permeable	permeable	aquifer, confir	33.5	53.9
sand/gravel	permeable	permeable	aquifer, confir	3.1	53.9
till	low	aquitard	aquifer, confir	44.2	53.9
till	low	aquitard	aquifer, confir	11.6	53.9
till	low	aquitard	aquifer, confir	11.2	53.9
sand/gravel	permeable	594	aquifer, confir	16.8	53.9
till	low	aquitard	aquifer, confir	7.6	53.9
sand/gravel/cl	ambiguous	594	aquifer, confir	4.3	53.9
SAND/clay	ambiguous	ambiguous	aquifer, confir	3.3	53.9
SAND/clay	ambiguous	ambiguous	aquifer, confir	5.2	53.9
CLAY/sand	ambiguous	ambiguous	aquifer, confir	24.4	15.2
till	low	aquitard	aquifer, confir	8.2	15.2
SAND/clay	ambiguous	ambiguous	aquifer, confir	10.7	15.2
sand/gravel	permeable	594	aquifer, confir	2.4	15.2
sand/gravel	permeable	594	aquifer, confir	18.3	15.2
till	low	aquitard	aquifer, confir	6.1	15.2
GRAVEL/silt	permeable	594	aquifer, confir	5.5	15.2
till	low	aquitard	aquifer, confir	7.3	15.2
GRAVEL/silt	permeable	permeable	aquifer, confir	4	15.2
GRAVEL/silt	permeable	permeable	aquifer, confir	3	15.2
till	low	aquitard	aquifer, confir	4.6	15.2
GRAVEL/silt	permeable	permeable	aquifer, confir	3	15.2
till	low	aquitard	aquifer, confir	3.1	15.2
GRAVEL/silt	permeable	permeable	aquifer, confir	5.2	15.2
silt/clay	low	aquitard	aquifer, confir	1.5	15.2
sand/gravel	permeable	permeable	aquifer, confir	2.4	15.2
till	low	aquitard	aquifer, confir	1.6	15.2
till	low	aquitard	aquifer, confir	4.5	15.2
silt/clay	low	aquitard	aquifer, confir	10.7	15.2
sand/gravel	permeable	594	aquifer, confir	4.6	15.2
SAND/clay	ambiguous	594	aquifer, confir	6.7	15.2
till	low	aquitard	aquifer, confir	7	15.2
boulder/grave	permeable	594	aquifer, confir	7.6	15.2
sand/gravel	permeable	594	aquifer, confir	9.1	15.2
till	low	aquitard	aquifer, confir	4.6	15.2
bedrock	bedrock	bedrock	aquifer, confir	35.1	15.2
bedrock	bedrock	bedrock	aquifer, confir	6.1	15.2

clay	low	aquitard		9.1	25
CLAY/sand	ambiguous	ambiguous		6.1	25
clay	low	aquitard		9.2	25
till	low	aquitard		12.2	25
CLAY/sand	ambiguous	ambiguous		6.1	25
clay	low	aquitard		10.9	25
CLAY/sand	ambiguous	ambiguous		2.5	25
till	low	aquitard		7.9	25
sand/gravel/cl	ambiguous	ambiguous		3.1	25
clay	low	aquitard		10.3	25
till	low	aquitard		1.8	25
bedrock	bedrock	bedrock aquifer		10.7	25
clay	low	aquitard	aquifer, confir	21.3	29.9
clay	low	aquitard	aquifer, confir	6.1	29.9
till	low	aquitard	aquifer, confir	8.6	29.9
till	low	aquitard	aquifer, confir	6.1	29.9
sand/gravel/cl	ambiguous		594 aquifer, confir	6.1	29.9
silt	low	aquitard	624-625-627-1	1.2	
till	low	aquitard	624-625-627-1	3.7	
sand/gravel	permeable		628 624-625-627-1	1.8	
till	low	aquitard	624-625-627-1	2.4	
bedrock	bedrock	bedrock aquif	624-625-627-1	0.3	
till	low	aquitard	dry	1.8	
sand/gravel	permeable	628, dry	dry	10.4	
CLAY/sand	low	aquitard	dry	10.7	
bedrock	bedrock	bedrock aquif	dry	4.5	
sand/gravel	permeable	628, dry	dry	12.2	
clay	low	aquitard		15	23.2
SAND/clay	ambiguous	aquifer (confir	aquifer, confir	9.1	0.6
clay	low	aquitard	bedrock	3.7	12.2
bedrock	bedrock		451 bedrock	14.6	12.2
clay	low	aquitard	bedrock	3.7	
bedrock	bedrock		451 bedrock	14.6	
clay	low	aquitard	bedrock	36.6	32.3
SAND/clay	ambiguous	ambiguous	bedrock	54.8	32.3
bedrock	bedrock		451 bedrock	3.1	32.3
sand/gravel/cl	ambiguous	aquifer (confir	aquifer, confir	9.1	
clay	low	aquitard	bedrock	4.6	23.8
bedrock	bedrock		593 bedrock	41.1	23.8
GRAVEL/silt	permeable	permeable		2.2	
sand/gravel	permeable	permeable		4.2	
till	low	aquitard		7.4	

till	low	aquitard		4.5	
till	low	aquitard	bedrock	8.5	13.1
clay	low	aquitard	bedrock	11.9	13.1
bedrock	bedrock		451 bedrock	2.5	13.1
boulder/gravel	permeable	permeable, dr	bedrock	9.1	15.8
sand/gravel	permeable	permeable, dr	bedrock	3.1	15.8
bedrock	bedrock		451 bedrock	3.3	15.8
bedrock	bedrock		451 bedrock	3.1	15.8
bedrock	bedrock		451 bedrock	3.3	15.8
bedrock	bedrock		451 bedrock	3	9.1
bedrock	bedrock		451 bedrock	3.1	9.1
bedrock	bedrock		451 bedrock	1.8	9.1
bedrock	bedrock		451 bedrock	6.1	9.1
till	low	aquitard	bedrock	6.1	13.7
CLAY/gravel	low	aquitard	bedrock	6.1	13.7
bedrock	bedrock		451 bedrock	7.6	13.7
unknown/over	ambiguous	ambiguous	bedrock	11.6	
clay	low	aquitard	bedrock	3	
clay	low	aquitard	bedrock	4	
clay	low	aquitard	bedrock	11.3	
clay	low	aquitard	bedrock	2.7	
bedrock	bedrock		451 bedrock	7	
bedrock	bedrock		451 bedrock	10.7	
clay	low	aquitard	aquifer, confir	4.6	12.2
till	low	aquitard	aquifer, confir	0.9	12.2
clay	low	aquitard	aquifer, confir	9.7	12.2
GRAVEL/silt	permeable	aquifer (confir	aquifer, confir	3.1	12.2
bedrock	bedrock	bedrock aquif	aquifer, confir	0.3	12.2
clay	low	aquitard	bedrock	0.9	14.3
bedrock	bedrock		634 bedrock	4.6	14.3
bedrock	bedrock		634 bedrock	0.6	14.3
bedrock	bedrock		634 bedrock	0.6	14.3
bedrock	bedrock		634 bedrock	0.9	14.3
bedrock	bedrock		634 bedrock	2.5	14.3
bedrock	bedrock		634 bedrock	3	14.3
bedrock	bedrock		634 bedrock	4.6	14.3
till	low	aquitard	bedrock	15.2	
bedrock	bedrock		451 bedrock	15.3	
bedrock	bedrock		451 bedrock	2.7	
bedrock	bedrock		451 bedrock	12.2	
bedrock	bedrock		451 bedrock	25.3	
till	low	aquitard		15.2	



clay	low	aquitard		9.8	
sand/gravel	permeable	permeable, dry		14	
bedrock	bedrock	bedrock aquifer		14	
till	low	aquitard	bedrock	8.5	4.6
sand/gravel	permeable	permeable, dr	bedrock	1.3	4.6
clay	low	aquitard	bedrock	9.4	4.6
bedrock	bedrock		451 bedrock	4.3	4.6
till	low	aquitard		8.5	15.8
clay	low	aquitard		2.5	15.8
sand/gravel	permeable		444 451	3	15.8
till	low	aquitard		0.3	15.8
clay	low	aquitard	bedrock	9.1	
boulder/grave	permeable	permeable, dr	bedrock	0.7	
bedrock	bedrock		451 bedrock	11.5	
bedrock	bedrock		451 bedrock	6.1	
bedrock	bedrock		451 bedrock	0.6	
bedrock	bedrock		451 bedrock	11.6	
bedrock	bedrock		451 bedrock	0.6	
bedrock	bedrock		451 bedrock	5.5	
bedrock	bedrock		451 bedrock	0.6	
bedrock	bedrock		451 bedrock	15.3	
bedrock	bedrock		451 bedrock	1.5	
bedrock	bedrock		451 bedrock	5.2	
bedrock	bedrock		451 bedrock	2.4	
bedrock	bedrock		451 bedrock	4	
bedrock	bedrock		451 bedrock	1.2	
bedrock	bedrock		451 bedrock	0.6	
bedrock	bedrock		451 bedrock	15.9	
CLAY/gravel	low	aquitard		6.1	18
clay	low	aquitard		12.2	18
sand/gravel/cl	ambiguous	ambiguous	aquifer, confir	3	18
sand/gravel/cl	ambiguous	ambiguous	aquifer, confir	3.1	18
sand/gravel	permeable	permeable, dr	aquifer, confir	7.6	18
sand/gravel	permeable	permeable, dr	aquifer, confir	0.6	18
clay	low	aquitard	bedrock	7.6	14
bedrock	bedrock		451 bedrock	4.6	14
bedrock	bedrock		451 bedrock	3	14
bedrock	bedrock		451 bedrock	3.1	14
bedrock	bedrock		451 bedrock	1.5	14
bedrock	bedrock		451 bedrock	12.5	14
clay	low	aquitard	bedrock	9.1	10.7
sand/gravel	permeable	permeable, dr	bedrock	0.3	10.7

CLAY/sand	ambiguous	ambiguous	bedrock	1.9	10.7
sand/gravel	permeable	permeable, dr	bedrock	0.3	10.7
clay	low	aquitard	bedrock	1.2	
bedrock	bedrock	451	bedrock	1.2	10.7
bedrock	bedrock	451	bedrock	0.3	10.7
bedrock	bedrock	451	bedrock	1.5	10.7
till	low	aquitard	bedrock	5.8	29.6
sand/gravel	permeable	permeable, dr	bedrock	0.9	29.6
clay	low	aquitard	bedrock	0.9	29.6
bedrock	bedrock	451	bedrock	12.8	29.6
bedrock	bedrock	451	bedrock	8.6	29.6
bedrock	bedrock	451	bedrock	7	29.6
bedrock	bedrock	451	bedrock	1.5	29.6
bedrock	bedrock	451	bedrock	0.6	29.6
bedrock	bedrock	451	bedrock	2.7	29.6
bedrock	bedrock	451	bedrock	3.7	29.6
clay	low	aquitard	bedrock	14	
bedrock	bedrock	634	bedrock	0.2	
bedrock	bedrock	634	bedrock	0.4	
bedrock	bedrock	634	bedrock	3.7	
bedrock	bedrock	634	bedrock	0.3	
bedrock	bedrock	634	bedrock	6.1	
bedrock	bedrock	634	bedrock	2.1	
bedrock	bedrock	634	bedrock	1.5	
bedrock	bedrock	634	bedrock	0.7	
clay	low	aquitard	bedrock	3.7	5.5
bedrock	bedrock	634	bedrock	0.6	5.5
bedrock	bedrock	634	bedrock	0.3	5.5
bedrock	bedrock	634	bedrock	8.8	5.5
till	low	aquitard	bedrock	3	20.7
till	low	aquitard	bedrock	7.7	20.7
till	low	aquitard	bedrock	14	20.7
bedrock	bedrock	451	bedrock	4.3	20.7
bedrock	bedrock	bedrock	aquif bedrock	7.6	
till	low	aquitard	bedrock	54.9	76.8
bedrock	bedrock	448	bedrock	36.5	76.8
clay	low	aquitard		21.4	9.4
till	low	aquitard	bedrock	36.6	
bedrock	bedrock	448	bedrock	10.6	
till	low	aquitard	bedrock	10.7	24.1
clay	low	aquitard	bedrock	4.5	24.1
GRAVEL/silt	ambiguous	ambiguous	bedrock	11.3	24.1

sand/gravel	permeable		444 bedrock		2.5	24.1
bedrock	bedrock	bedrock	aquif bedrock		1.2	24.1
bedrock	bedrock		451 bedrock		15.2	28.3
bedrock	bedrock		451 bedrock		9.2	28.3
bedrock	bedrock		451 bedrock		1.8	28.3
bedrock	bedrock		451 bedrock		5.8	28.3
bedrock	bedrock		451 bedrock		4.6	28.3
bedrock	bedrock		451 bedrock		2.1	28.3
till	low	aquitard	bedrock		5.8	15.8
sand/gravel	permeable	permeable, dr	bedrock		0.9	15.8
clay	low	aquitard	bedrock		0.9	15.8
bedrock	bedrock		451 bedrock		12.8	15.8
bedrock	bedrock		451 bedrock		8.6	15.8
bedrock	bedrock		451 bedrock		7	15.8
bedrock	bedrock		451 bedrock		1.5	15.8
bedrock	bedrock		451 bedrock		0.6	15.8
bedrock	bedrock		451 bedrock		2.7	15.8
bedrock	bedrock		451 bedrock		3.7	15.8
till	low	aquitard	bedrock		24.7	29.6
clay	low	aquitard	bedrock		6.7	29.6
bedrock	bedrock		451 bedrock		3.7	29.6
bedrock	bedrock		451 bedrock		0.6	29.6
GRAVEL/silt	ambiguous	ambiguous		451	24.4	
sand/gravel/cl	ambiguous		444	451	1.8	
till	low	aquitard	bedrock		24.4	39.6
clay	low	aquitard	bedrock		2.4	39.6
clay	low	aquitard	bedrock		10.4	39.6
bedrock	bedrock		451 bedrock		0.9	39.6
bedrock	bedrock		451 bedrock		6.1	39.6
till	low	aquitard	bedrock		51.8	
GRAVEL/silt	ambiguous	ambiguous	bedrock		3.1	
bedrock	bedrock		451 bedrock		21.3	
GRAVEL/silt	ambiguous	ambiguous	bedrock		6.1	12.2
clay	low	aquitard	bedrock		4.6	12.2
bedrock	bedrock		451 bedrock		6.4	12.2
clay	low	aquitard		451	21.3	9.1
sand/gravel	permeable		444	451	1.6	9.1
till	low	aquitard	bedrock		7.6	95.7
bedrock	bedrock		451 bedrock		42.7	95.7
bedrock	bedrock		451 bedrock		12.2	95.7
bedrock	bedrock		451 bedrock		36.6	95.7
bedrock	bedrock		451 bedrock		9.1	95.7

bedrock	bedrock	451	bedrock	18.3	95.7
bedrock	bedrock	451	bedrock	10.7	95.7
bedrock	bedrock	451	bedrock	15.2	95.7
till	low	aquitard	bedrock	6.1	
GRAVEL/silt	ambiguous	ambiguous	bedrock	12.2	
sand/gravel	permeable	permeable, dr	bedrock	27.4	
clay	low	aquitard	bedrock	0.9	
bedrock	bedrock	451	bedrock	31.4	
clay	low	aquitard	bedrock	5.5	48.8
boulder/grave	permeable	permeable, dr	bedrock	2.4	48.8
sand/gravel	permeable	permeable, dr	bedrock	9.2	48.8
bedrock	bedrock	451	bedrock	1.2	48.8
bedrock	bedrock	451	bedrock	2.7	48.8
bedrock	bedrock	451	bedrock	4	48.8
bedrock	bedrock	451	bedrock	22.9	48.8
bedrock	bedrock	451	bedrock	12.2	48.8
bedrock	bedrock	451	bedrock	9.1	48.8
bedrock	bedrock	451	bedrock	10.4	48.8
sand/gravel/cl	ambiguous	ambiguous		11	7.6
bedrock	bedrock	451	bedrock	18.3	19.5
bedrock	bedrock	451	bedrock	11	19.5
bedrock	bedrock	451	bedrock	15.2	19.5
bedrock	bedrock	451	bedrock	20.7	19.5
bedrock	bedrock	451	bedrock	11	19.5
bedrock	bedrock	451	bedrock	6.1	19.5
clay	low	aquitard	bedrock	3	
bedrock	bedrock	451	bedrock	16.8	
bedrock	bedrock	451	bedrock	10.7	
bedrock	bedrock	451	bedrock	15.2	
bedrock	bedrock	451	bedrock	18.3	
bedrock	bedrock	451	bedrock	18.9	
CLAY/gravel	low	aquitard	aquifer, confir	0.6	
sand/gravel	permeable	permeable		4.6	
silt	low	aquitard		2.7	
sand/gravel	permeable	permeable		0.3	
silt/clay	low	aquitard		1.6	
till	low	aquitard		11.5	
till	low	aquitard	aquifer, confir	15.3	
clay	low	aquitard	bedrock	5.5	
clay	low	aquitard	bedrock	7	
CLAY/sand	ambiguous	ambiguous	bedrock	4	
bedrock	bedrock	451	bedrock	7	

bedrock	bedrock	451	bedrock	16.1	
sand/gravel	permeable		permeable, dr aquifer, confir	3.7	
silt/clay	low		aquitard	3	
SAND/silt	permeable		aquifer (confined)	0.9	
sand/gravel	permeable		permeable aquifer, confir	2.2	
GRAVEL/silt	ambiguous		ambiguous 451	20.7	18.3
CLAY/gravel	low		aquitard 451	2.2	18.3
CLAY/gravel	low		aquitard 451	1.5	18.3
sand/gravel	permeable	444	451	4.6	18.3
clay	low		aquitard bedrock	1.2	6.7
GRAVEL/silt	ambiguous		ambiguous bedrock	2.8	6.7
CLAY/sand	low		aquitard bedrock	3	6.7
sand/gravel	permeable		bedrock aquif bedrock	5.8	6.7
GRAVEL/silt	ambiguous		ambiguous bedrock	7.3	6.7
bedrock	bedrock		bedrock aquif bedrock	63.7	6.7
sand/gravel/cl	ambiguous		ambiguous bedrock	5.8	
sand/gravel	permeable		permeable, dr bedrock	0.6	
clay	low		aquitard bedrock	8.2	
sand/gravel	permeable		permeable, dr bedrock	0.9	
clay	low		aquitard bedrock	2.2	
bedrock	bedrock	451	bedrock	0.9	
bedrock	bedrock	451	bedrock	1.8	
bedrock	bedrock	451	bedrock	0.6	
bedrock	bedrock	451	bedrock	1.3	
bedrock	bedrock	451	bedrock	0.9	
bedrock	bedrock	451	bedrock	2.4	
bedrock	bedrock	451	bedrock	0.3	
till	low		aquitard 451	7.9	15.2
clay	low		aquitard 451	7.3	15.2
sand/gravel	permeable	444	451	8	15.2
bedrock	bedrock		bedrock aquif 451	2.7	15.2
CLAY/sand	ambiguous		ambiguous bedrock	4.3	20.7
boulder/grave	permeable		permeable, dr bedrock	1.8	20.7
till	low		aquitard bedrock	9.1	20.7
sand/gravel	permeable		permeable, dr bedrock	0.3	20.7
till	low		aquitard bedrock	5.8	20.7
bedrock	bedrock	451	bedrock	4.6	20.7
bedrock	bedrock	451	bedrock	1.5	20.7
CLAY/sand	ambiguous		ambiguous aquifer, confir	5.5	3
sand/gravel	permeable		permeable, dr aquifer, confir	1.8	3
CLAY/gravel	low		aquitard aquifer, confir	14	3
sand/gravel	permeable	444	aquifer, confir	0.6	3

CLAY/gravel	low	aquitard	aquifer, confir	8.6	3
clay	low	aquitard	aquifer, confir	4.9	3
till	low	aquitard		12.2	9.1
clay	low	aquitard	bedrock	4.6	
bedrock	bedrock		932 bedrock	135.6	
till	low	aquitard	bedrock	24.4	36.6
sand/gravel	permeable	permeable, dr	bedrock	3	36.6
clay	low	aquitard	bedrock	12.2	36.6
sand/gravel	permeable	permeable, dr	bedrock	0.6	36.6
bedrock	bedrock		451 bedrock	5.5	36.6
till	low	aquitard	bedrock	35.1	36.6
bedrock	bedrock		451 bedrock	3.6	36.6
bedrock	bedrock		451 bedrock	6.7	36.6
bedrock	bedrock		451 bedrock	0.3	36.6
bedrock	bedrock		451 bedrock	27.1	18.3
bedrock	bedrock		451 bedrock	0.3	18.3
bedrock	bedrock		451 bedrock	15.2	17.4
bedrock	bedrock		451 bedrock	6.7	17.4
clay	low	aquitard	bedrock	15.2	33.5
sand/gravel	permeable	permeable, dr	bedrock	38.1	33.5
bedrock	bedrock		591 bedrock	7.7	33.5
clay	low	aquitard	bedrock	4	3
bedrock	bedrock		591 bedrock	41.1	3
clay	low	aquitard	bedrock	1.2	
bedrock	bedrock		591 bedrock	11	
clay	low	aquitard	bedrock	34.4	
bedrock	bedrock		451 bedrock	2.2	
CLAY/gravel	low	aquitard		36.3	
sand/gravel	permeable	permeable, dry		0.3	
bedrock	bedrock		451	37.5	
clay	low	aquitard	bedrock	12.2	27.4
bedrock	bedrock		451 bedrock	24.4	27.4
CLAY/sand	ambiguous	ambiguous	bedrock	12.2	29
boulder/grave	permeable	permeable, dr	bedrock	0.9	29
clay	low	aquitard	bedrock	9.8	29
clay	low	aquitard	bedrock	6.4	29
bedrock	bedrock		451 bedrock	4.2	29
till	low	aquitard	bedrock	13.7	21.3
bedrock	bedrock		451 bedrock	0.6	21.3
bedrock	bedrock		451 bedrock	4	21.3
bedrock	bedrock		451 bedrock	6.1	21.3
clay	low	aquitard	bedrock	21.3	21.3

till	low	aquitard	bedrock	9.2	21.3
bedrock	bedrock	634	bedrock	0.3	21.3
clay	low	aquitard	bedrock	9.1	57.9
CLAY/sand	ambiguous	ambiguous	bedrock	18.3	57.9
bedrock	bedrock	451	bedrock	15.3	57.9
bedrock	bedrock	451	bedrock	15.2	57.9
bedrock	bedrock	451	bedrock	2.1	57.9
bedrock	bedrock	451	bedrock	17.7	57.9
clay	low	aquitard	bedrock	9.1	48.8
bedrock	bedrock	451	bedrock	103.7	48.8
clay	low	aquitard	bedrock	21.3	73.2
bedrock	bedrock	451	bedrock	67.1	73.2
clay	low	aquitard	bedrock	9.1	82.3
bedrock	bedrock	451	bedrock	118.9	82.3
till	low	aquitard	bedrock	15.2	27.4
bedrock	bedrock	451	bedrock	9.2	27.4
bedrock	bedrock	451	bedrock	3	27.4
bedrock	bedrock	451	bedrock	3.1	27.4
bedrock	bedrock	451	bedrock	0.6	27.4
CLAY/sand	ambiguous	ambiguous	aquifer, confir	6.1	23.2
till	low	aquitard		6.1	23.2
till	low	aquitard		3.6	23.2
clay	low	aquitard		6.1	23.2
sand/gravel/cl	ambiguous	ambiguous	aquifer, confir	3.1	23.2
till	low	aquitard	bedrock	24.4	30.5
bedrock	bedrock	451	bedrock	20.1	30.5
bedrock	bedrock	451	bedrock	0.6	30.5
clay	low	aquitard	bedrock	9.1	36.6
bedrock	bedrock	451	bedrock	39.7	36.6
clay	low	aquitard	bedrock	6.1	18.3
bedrock	bedrock	451	bedrock	24.4	18.3
CLAY/sand	ambiguous	ambiguous	bedrock	6.7	
CLAY/sand	ambiguous	ambiguous	bedrock	4.3	
clay	low	aquitard	bedrock	7	
bedrock	bedrock	451	bedrock	0.9	
bedrock	bedrock	451	bedrock	4	
bedrock	bedrock	451	bedrock	3	
bedrock	bedrock	451	bedrock	5.8	
bedrock	bedrock	451	bedrock	3	
clay	low	aquitard	bedrock	6.1	
SAND/clay	ambiguous	ambiguous	bedrock	4.6	
bedrock	bedrock	451	bedrock	0.3	

clay	low	aquitard	bedrock	24.4	33.5
bedrock	bedrock	451	bedrock	15.2	33.5
clay	low	aquitard	bedrock	6.1	
bedrock	bedrock	451	bedrock	1.2	
bedrock	bedrock	451	bedrock	0.6	
bedrock	bedrock	451	bedrock	3.1	
clay	low	aquitard	bedrock	6.7	
clay	low	aquitard	bedrock	17.7	
clay	low	aquitard		33.5	
clay	low	aquitard	bedrock	3	
till	low	aquitard	bedrock	4.3	
bedrock	bedrock	451	bedrock	0.3	
clay	low	aquitard	bedrock	36.6	
bedrock	bedrock	593	bedrock	54.8	
clay	low	aquitard	bedrock	4.6	30.5
bedrock	bedrock	591	bedrock	86.8	30.5
clay	low	aquitard	aquifer, confir	21.3	21.3
CLAY/sand	ambiguous	ambiguous	aquifer, confir	6.1	21.3
sand/gravel	permeable	596	aquifer, confir	37.2	21.3
clay	low	aquitard	bedrock	10.7	
SAND/clay	ambiguous	ambiguous	bedrock	67	
bedrock	bedrock	591	bedrock	16.8	
clay	low	aquitard	bedrock	9.1	
sand/gravel	permeable	aquifer (confir	bedrock	70.1	
bedrock	bedrock	591	bedrock	3.1	
bedrock	bedrock	591	bedrock	16.8	
sand/gravel	permeable	625	624-625-627-1	17.1	
clay	low	aquitard	bedrock	10.7	5.5
bedrock	bedrock	591	bedrock	16.7	5.5
sand/gravel	permeable	permeable		6.1	
sand/gravel	permeable	permeable		57.9	
clay	low	aquitard	bedrock	6.1	
bedrock	bedrock	932	bedrock	85.3	
clay	low	aquitard	bedrock	9.1	
bedrock	bedrock	932	bedrock	32	
clay	low	aquitard	aquifer, confir	3	7.6
sand/gravel	permeable	444	aquifer, confir	1.9	7.6
clay	low	aquitard	aquifer, confir	10.3	7.6
sand/gravel/cl	ambiguous	ambiguous		11.6	
CLAY/sand	ambiguous	ambiguous		14.6	
SAND/clay	ambiguous	ambiguous		11	
CLAY/sand	ambiguous	ambiguous		32.9	



CLAY/sand	ambiguous	ambiguous		17.4	
CLAY/sand	ambiguous	ambiguous		25.9	
CLAY/gravel	low	aquitard	bedrock	14.6	24.4
till	low	aquitard	bedrock	3.1	24.4
bedrock	bedrock	451	bedrock	3.3	24.4
bedrock	bedrock	451	bedrock	2.8	24.4
bedrock	bedrock	451	bedrock	3.6	24.4
bedrock	bedrock	451	bedrock	3.1	24.4
bedrock	bedrock	451	bedrock	9.7	24.4
bedrock	bedrock	451	bedrock	1.3	24.4
sand/gravel/cl	ambiguous	ambiguous		11	9.1
clay	low	aquitard	bedrock	7.3	13.4
bedrock	bedrock	451	bedrock	6.4	13.4
bedrock	bedrock	451	bedrock	6.1	13.4
bedrock	bedrock	451	bedrock	3.1	13.4
bedrock	bedrock	451	bedrock	1.5	13.4
clay	low	aquitard	bedrock	33.5	
bedrock	bedrock	593	bedrock	149.4	
clay	low	aquitard	bedrock	36.6	
bedrock	bedrock	622	bedrock	18.3	
till	low	aquitard	bedrock	36.6	
bedrock	bedrock	622	bedrock	21.3	
clay	low	aquitard	bedrock	3	25
bedrock	bedrock	451	bedrock	33.6	25
clay	low	aquitard	bedrock	1.5	10.7
bedrock	bedrock	451	bedrock	21.4	10.7
clay	low	aquitard	bedrock	4.6	25
bedrock	bedrock	451	bedrock	38.1	25
clay	low	aquitard	bedrock	6.1	25.9
bedrock	bedrock	451	bedrock	33.5	25.9
clay	low	aquitard	bedrock	4.6	21.3
bedrock	bedrock	451	bedrock	28.9	21.3
clay	low	aquitard	bedrock	24.4	76.2
bedrock	bedrock	451	bedrock	62.5	76.2
clay	low	aquitard	bedrock	29	
bedrock	bedrock	451	bedrock	7.6	
clay	low	aquitard	bedrock	4.6	
bedrock	bedrock	634	bedrock	147.8	
CLAY/sand	ambiguous	ambiguous	bedrock	152.4	
CLAY/gravel	low	aquitard	bedrock	27.4	
bedrock	bedrock	451	bedrock	18.3	
SAND/clay	ambiguous	ambiguous	bedrock	42.7	

bedrock	bedrock	591	bedrock	51.8	
sand/gravel/cl	ambiguous	ambiguous		50.3	
sand/gravel	permeable	590	aquifer, uncor	56.4	
CLAY/sand	ambiguous	ambiguous	bedrock	79.2	
bedrock	bedrock	593	bedrock	16.8	
clay	low	aquitard	bedrock	6.1	
bedrock	bedrock	595	bedrock	33.5	
clay	low	aquitard		3	
clay	low	aquitard		15.3	
bedrock	bedrock		bedrock aquifer	3	
clay	low	aquitard	bedrock	38.1	
bedrock	bedrock	622	bedrock	35.1	
bedrock	bedrock	451	bedrock	6.1	
CLAY/sand	ambiguous	ambiguous		53.9	
clay	low	aquitard	bedrock	86.9	
sand/gravel	permeable	permeable		6.1	
sand/gravel	permeable	permeable		3	
clay	low	aquitard		7.7	
bedrock	bedrock	622	bedrock	13.7	
CLAY/sand	ambiguous	ambiguous	aquifer, confir	24.4	18.3
SAND/clay	ambiguous	ambiguous	aquifer, confir	24.4	18.3
sand/gravel	permeable	590	aquifer, confir	1.5	18.3
silt	low	aquitard	bedrock	1.2	15.2
CLAY/gravel	low	aquitard	bedrock	1.8	15.2
clay	low	aquitard	bedrock	3.7	15.2
till	low	aquitard	bedrock	2.4	15.2
bedrock	bedrock	451	bedrock	3.1	15.2
bedrock	bedrock	451	bedrock	1.5	15.2
bedrock	bedrock	451	bedrock	9.2	15.2
bedrock	bedrock	451	bedrock	0.9	15.2
bedrock	bedrock	451	bedrock	0.3	15.2
bedrock	bedrock	451	bedrock	3	15.2
bedrock	bedrock	451	bedrock	0.6	15.2
bedrock	bedrock	451	bedrock	2.5	15.2
bedrock	bedrock	451	bedrock	0.3	15.2
bedrock	bedrock	451	bedrock	0.3	15.2
CLAY/sand	ambiguous	ambiguous		54.9	
CLAY/sand	low	aquitard	bedrock	117.3	
till	low	aquitard		1.8	
bedrock	bedrock		bedrock aquifer	74.4	
bedrock	bedrock		bedrock aquif bedrock	6.1	
clay	low	aquitard	bedrock	27.4	

bedrock	bedrock	591	bedrock	59.5	
clay	low	aquitard	bedrock	25.9	
bedrock	bedrock	451	bedrock	6.1	
tbd	ambiguous	ambiguous	aquifer, confir	0.6	0.6
silt/clay	low	aquitard	aquifer, confir	12.8	0.6
sand/gravel/cl	ambiguous	ambiguous	aquifer, confir	1.8	0.6
silt/clay	low	aquitard	aquifer, confir	1	0.6
sand/gravel/cl	ambiguous	ambiguous	aquifer, confir	1.2	0.6
silt/clay	low	aquitard	aquifer, confir	1.8	0.6
SAND/clay	ambiguous	ambiguous	aquifer, confir	14.9	0.6
sand/gravel/cl	ambiguous	598	aquifer, confir	11	0.6
till	low	aquitard	aquifer, confir	6.1	0.6
bedrock	bedrock	bedrock	aquifer, confir	61.6	0.6
sand/gravel/cl	ambiguous	ambiguous		68.6	
clay	low	aquitard	bedrock	13.7	
bedrock	bedrock	595	bedrock	24.4	
clay	low	aquitard	bedrock	3	48.8
till	low	aquitard	bedrock	3.7	48.8
bedrock	bedrock	451	bedrock	15.9	48.8
bedrock	bedrock	451	bedrock	15.2	48.8
bedrock	bedrock	451	bedrock	3.7	48.8
bedrock	bedrock	451	bedrock	13.7	48.8
bedrock	bedrock	451	bedrock	0.3	48.8
sand/gravel/cl	ambiguous	ambiguous		61	
tbd	ambiguous	ambiguous	451	6.1	8.5
silt	low	aquitard	451	11.6	8.5
CLAY/gravel	low	444	451	1.5	8.5
till	low	aquitard	bedrock	12.2	20.7
clay	low	aquitard	bedrock	15.2	20.7
clay	low	aquitard	bedrock	5.5	20.7
bedrock	bedrock	451	bedrock	0.2	20.7
bedrock	bedrock	689	bedrock	24.4	7.6
bedrock	bedrock	689	bedrock	25.3	7.6
clay	low	aquitard		4.3	
clay	low	aquitard		6.4	
clay	low	aquitard		3.6	
bedrock	bedrock	bedrock	aquifer	4	
bedrock	bedrock	bedrock	aquifer	1.5	
clay	low	aquitard	aquifer, confir	1.5	4
clay	low	aquitard	aquifer, confir	4.6	4
sand/gravel	permeable	aquifer (confir	aquifer, confir	0.9	4
clay	low	aquitard	bedrock	6.1	

bedrock	bedrock	451	bedrock	35	
clay	low	aquitard	bedrock	4.6	
bedrock	bedrock	451	bedrock	32	
clay	low	aquitard	451	12.2	
clay	low	aquitard	451	3	
GRAVEL/silt	ambiguous	ambiguous	451	1.9	
till	low	aquitard	451	1.2	
till	low	aquitard	451	0.6	
clay	low	aquitard	451	2.4	
till	low	aquitard	451	1	
clay	low	aquitard	451	3	
till	low	aquitard	451	1.8	
silt/clay	low	aquitard	451	6.4	
CLAY/gravel	low	444	451	6.7	
till	low	aquitard	451	12.8	10.7
clay	low	aquitard	451	2.4	10.7
silt/clay	low	aquitard	451	9.2	10.7
clay	low	aquitard	451	5.8	10.7
sand/gravel	permeable	444	451	2.1	10.7
clay	low	aquitard	624-625-627-1	1.5	6.1
clay	low	aquitard		21.3	
till	low	aquitard	624-625-627-1	5.2	6.1
CLAY/gravel	low	624	624-625-627-1	16.5	6.1
sand/gravel	permeable	624	624-625-627-1	0.6	6.1
sand/gravel	permeable	624	624-625-627-1	0.2	6.1
clay	low	aquitard	bedrock	57.9	
bedrock	bedrock	622	bedrock	19.8	
sand/gravel/cl	ambiguous	ambiguous	bedrock	3.7	8.5
CLAY/sand	ambiguous	ambiguous	bedrock	4.8	8.5
bedrock	bedrock	451	bedrock	2.5	8.5
bedrock	bedrock	451	bedrock	0.3	8.5
clay	low	aquitard	bedrock	13.7	
bedrock	bedrock	451	bedrock	137.2	
sand/gravel	permeable	permeable	923	12.2	15.2
sand/gravel	permeable	permeable	923	9.1	15.2
silt/clay	low	aquitard	923	8.6	15.2
till	low	aquitard	923	3.6	15.2
sand/gravel/cl	ambiguous	923	923	21.4	15.2
sand/gravel/cl	ambiguous	923	923	3.9	15.2
clay	low	aquitard	bedrock	4.6	
silt/clay	low	aquitard	bedrock	4.5	
till	low	aquitard		2.1	6.7

clay	low	aquitard	bedrock	18.3	
sand/gravel	permeable	bedrock aquif	bedrock	4	
CLAY/gravel	low	aquitard	bedrock	5.5	
bedrock	bedrock	bedrock aquif	bedrock	4.6	
clay	low	aquitard	bedrock	3	40.5
clay	low	aquitard	bedrock	6.1	40.5
bedrock	bedrock	451	bedrock	1.6	40.5
bedrock	bedrock	451	bedrock	6.1	40.5
bedrock	bedrock	451	bedrock	1.2	40.5
bedrock	bedrock	451	bedrock	10.3	40.5
bedrock	bedrock	451	bedrock	1.6	40.5
bedrock	bedrock	451	bedrock	0.3	40.5
bedrock	bedrock	451	bedrock	6.1	40.5
bedrock	bedrock	451	bedrock	4.2	40.5
clay	low	aquitard	bedrock	5.5	
clay	low	aquitard	bedrock	1.2	
bedrock	bedrock	451	bedrock	0.6	
bedrock	bedrock	451	bedrock	1.2	
bedrock	bedrock	451	bedrock	12.8	
bedrock	bedrock	451	bedrock	17.1	
bedrock	bedrock	bedrock aquifer		0.9	6.7
yield/groundwater				25.4	
CLAY/gravel	low	aquitard		24.4	
clay	low	aquitard	bedrock	1.8	11.6
till	low	aquitard	bedrock	8	11.6
SAND/clay	ambiguous	ambiguous	bedrock	2.4	11.6
clay	low	aquitard	bedrock	1.8	11.6
bedrock	bedrock	451	bedrock	0.3	11.6
bedrock	bedrock	451	bedrock	1.2	11.6
clay	low	aquitard	bedrock	14	
clay	low	aquitard	bedrock	8.9	
clay	low	aquitard	bedrock	1.5	
clay	low	aquitard	bedrock	1.5	
bedrock	bedrock	451	bedrock	3.1	
bedrock	bedrock	451	bedrock	7.6	
bedrock	bedrock	451	bedrock	5.5	
clay	low	aquitard	bedrock	1.2	
bedrock	bedrock	451	bedrock	1.8	
clay	low	aquitard	bedrock	3.7	
till	low	aquitard	bedrock	9.1	10.7
till	low	aquitard	bedrock	9.2	10.7
bedrock	bedrock	627	bedrock	5.5	10.7

clay	low	aquitard	bedrock	4.3	1.8
sand/gravel	permeable	permeable		2.1	
bedrock	bedrock	bedrock aquifer		135.1	
sand/gravel	permeable	permeable	bedrock	4.8	1.8
till	low	aquitard	bedrock	6.1	1.8
bedrock	bedrock	627 bedrock		2.2	1.8
clay	low	aquitard	bedrock	6.1	6.7
till	low	aquitard	bedrock	15.2	6.7
bedrock	bedrock	bedrock aquif	bedrock	4.6	6.7
bedrock	bedrock	bedrock aquif	bedrock	7	6.7
bedrock	bedrock	bedrock aquif	bedrock	6.7	6.7
bedrock	bedrock	bedrock aquif	bedrock	6.1	6.7
bedrock	bedrock	bedrock aquif	bedrock	11	6.7
clay	low	aquitard	bedrock	8.5	21.3
clay	low	aquitard	bedrock	12.8	21.3
SAND/clay	ambiguous	ambiguous	bedrock	6.1	21.3
till	low	aquitard	bedrock	4.3	21.3
bedrock	bedrock	bedrock aquif	bedrock	75.6	21.3
bedrock	bedrock	bedrock aquif	bedrock	39.9	21.3
CLAY/gravel	low	aquitard	bedrock	36.6	
bedrock	bedrock	933 bedrock		176.8	
sand/gravel	permeable	permeable, dr	630	9.1	
clay	low	aquitard	630	9.2	
clay	low	aquitard		21.9	
silt	low	aquitard	630	3	
sand/gravel	permeable	630	630	48.8	
sand/gravel	permeable	630	630	1.8	
clay	low	aquitard	bedrock	10.7	
bedrock	bedrock	933 bedrock		126.5	
till	low	aquitard	bedrock	4.9	15.5
bedrock	bedrock	688 bedrock		4.5	15.5
bedrock	bedrock	688 bedrock		2.2	15.5
bedrock	bedrock	688 bedrock		1.8	15.5
bedrock	bedrock	688 bedrock		4	15.5
bedrock	bedrock	688 bedrock		1.2	15.5
bedrock	bedrock	688 bedrock		4	15.5
bedrock	bedrock	688 bedrock		0.6	15.5
bedrock	bedrock	688 bedrock		2.7	15.5
bedrock	bedrock	688 bedrock		3.1	15.5
clay	low	aquitard		4.8	12.8
sand/gravel/cl	ambiguous	ambiguous		1.6	12.8
silt/clay	low	aquitard	aquifer, confir	4.3	10.1

silt/clay	low	aquitard	aquifer, confir	2.4	10.1
till	low	aquitard	aquifer, confir	2.7	10.1
sand/gravel/cl	ambiguous		687 aquifer, confir	3.7	10.1
bedrock	bedrock	bedrock	aquifer	56.4	
till	low	aquitard		4.6	
boulder/grave	permeable	permeable, dry		0.6	9.1
CLAY/sand	ambiguous	ambiguous		2.4	9.1
clay	low	aquitard		10.7	9.1
clay	low	aquitard		2.1	9.1
till	low	aquitard		0.7	9.1
clay	low	aquitard	bedrock	9.1	22.6
bedrock	bedrock	451	bedrock	2.5	22.6
bedrock	bedrock	451	bedrock	2.4	22.6
bedrock	bedrock	451	bedrock	3.1	22.6
bedrock	bedrock	451	bedrock	5.5	22.6
bedrock	bedrock	451	bedrock	0.6	22.6
bedrock	bedrock	451	bedrock	3.9	22.6
bedrock	bedrock	451	bedrock	3.1	22.6
bedrock	bedrock	451	bedrock	0.3	22.6
till	low	aquitard	bedrock	14.6	37.8
bedrock	bedrock	451	bedrock	12.5	37.8
bedrock	bedrock	451	bedrock	10.7	37.8
bedrock	bedrock	451	bedrock	7.3	37.8
bedrock	bedrock	451	bedrock	1.5	
clay	low	aquitard	bedrock	18.3	14
bedrock	bedrock	bedrock	aquifer	68.3	20.4
clay	low	aquitard		7.3	13.7
bedrock	bedrock	451	bedrock	1.5	14
bedrock	bedrock	451	bedrock	3.1	14
clay	low	aquitard	bedrock	3	4.9
boulder/grave	permeable	permeable, dr	bedrock	0.7	4.9
CLAY/sand	ambiguous	ambiguous	bedrock	7.9	4.9
bedrock	bedrock	451	bedrock	0.1	4.9
clay	low	aquitard	bedrock	1.5	22.3
bedrock	bedrock	451	bedrock	8.9	22.3
bedrock	bedrock	451	bedrock	0.3	22.3
bedrock	bedrock	451	bedrock	3.9	22.3
bedrock	bedrock	451	bedrock	2.2	22.3
bedrock	bedrock	451	bedrock	9.1	22.3
bedrock	bedrock	451	bedrock	1.5	22.3
bedrock	bedrock	451	bedrock	3.1	22.3
bedrock	bedrock	451	bedrock	0.6	22.3

clay	low	aquitard	bedrock	3.7	29
bedrock	bedrock	451	bedrock	13.1	29
bedrock	bedrock	451	bedrock	2.1	29
bedrock	bedrock	451	bedrock	0.9	29
bedrock	bedrock	451	bedrock	3.1	29
bedrock	bedrock	451	bedrock	7.9	29
bedrock	bedrock	451	bedrock	2.7	29
bedrock	bedrock	451	bedrock	1.6	29
till	low	aquitard	bedrock	9.1	
till	low	aquitard	bedrock	1	
silt/clay	low	aquitard	bedrock	7.3	
clay	low	aquitard	bedrock	6.1	
bedrock	bedrock	451	bedrock	25.9	
clay	low	aquitard		4.2	9.1
silt/clay	low	aquitard		10.4	9.1
clay	low	aquitard		2.4	9.1
bedrock	bedrock	bedrock	aquifer	11.9	9.1
bedrock	bedrock	bedrock	aquifer	0.3	9.1
clay	low	aquitard		8.2	7.6
till	low	aquitard		4.3	7.6
till	low	aquitard		11.9	7.6
till	low	aquitard	aquifer, confir	6.1	5.5
clay	low	aquitard	aquifer, confir	4.6	5.5
sand/gravel/cl	ambiguous	aquifer (confir	aquifer, confir	5.5	5.5
clay	low	aquitard	aquifer, confir	5.4	5.5
CLAY/gravel	low	aquifer (confir	aquifer, confir	0.3	5.5
clay	low	aquitard	aquifer, confir	3.7	11
clay	low	aquitard	aquifer, confir	2.4	11
CLAY/sand	ambiguous	ambiguous	aquifer, confir	3.3	11
bedrock	bedrock	bedrock	aquifer	26.5	13.7
clay	low	aquitard		1.5	
sand/gravel	permeable	permeable	aquifer, confir	11.3	11
CLAY/sand	ambiguous	ambiguous	aquifer, confir	2.2	11
silt/clay	low	851	aquifer, confir	7	11
till	low	aquitard	bedrock	4.6	
clay	low	aquitard	bedrock	4.5	
clay	low	aquitard	bedrock	3.7	
till	low	aquitard	bedrock	4.9	
clay	low	aquitard	bedrock	7.3	
bedrock	bedrock	451	bedrock	12.2	
bedrock	bedrock	451	bedrock	12.2	
clay	low	aquitard	bedrock	11.6	19.8



bedrock	bedrock	451	bedrock	11.3	19.8
bedrock	bedrock	451	bedrock	1.5	19.8
till	low	aquitard	624-625-627-1	9.1	12.8
sand/gravel	permeable	624	624-625-627-1	11.6	12.8
sand/gravel	permeable	624	624-625-627-1	1.6	12.8
SAND/clay	ambiguous	aquitard	bedrock	9.1	21.3
bedrock	bedrock	bedrock	aquif:bedrock	3.1	21.3
bedrock	bedrock	bedrock	aquif:bedrock	3	21.3
bedrock	bedrock	bedrock	aquif:bedrock	3.4	21.3
bedrock	bedrock	bedrock	aquif:bedrock	1.2	21.3
bedrock	bedrock	bedrock	aquif:bedrock	4	21.3
bedrock	bedrock	bedrock	aquif:bedrock	0.9	21.3
bedrock	bedrock	bedrock	aquif:bedrock	5.8	21.3
bedrock	bedrock	bedrock	aquif:bedrock	36.6	21.3
bedrock	bedrock	bedrock	aquif:bedrock	9.1	21.3
bedrock	bedrock	bedrock	aquif:bedrock	3	21.3
clay	low	aquitard	bedrock	6.1	21.3
CLAY/sand	low	aquitard	bedrock	3	21.3
clay	low	aquitard	bedrock	9.8	21.3
CLAY/sand	low	aquitard	bedrock	12.2	21.3
CLAY/sand	low	aquitard	bedrock	29.9	21.3
bedrock	bedrock	639	bedrock	2.1	21.3
sand/gravel	permeable	permeable	bedrock	0.9	
silt/clay	low	aquitard	bedrock	2.5	
bedrock	bedrock	bedrock	aquif:bedrock	0.3	
silt/clay	low	bedrock	aquif:bedrock	3.6	
bedrock	bedrock	bedrock	aquif:bedrock	0.3	
bedrock	bedrock	bedrock	aquif:bedrock	7.6	
bedrock	bedrock	bedrock	aquif:bedrock	6.1	
till	low	aquitard		1.5	
bedrock	bedrock	bedrock	aquif:bedrock	1.6	
bedrock	bedrock	bedrock	aquif:bedrock	17.3	
till	low	aquitard	bedrock	4.9	7
till	low	aquitard	bedrock	10	7
till	low	aquitard	bedrock	1.3	7
till	low	aquitard	bedrock	15.2	7
bedrock	bedrock	627	bedrock	15.8	7
bedrock	bedrock	627	bedrock	3.1	7
bedrock	bedrock	627	bedrock	4.6	7
bedrock	bedrock	627	bedrock	3	7
clay	low	aquitard	bedrock	27.4	
bedrock	bedrock	631	bedrock	7.7	

clay	low	aquitard	bedrock	19.8	
bedrock	bedrock	622	bedrock	57.9	
clay	low	aquitard	bedrock	39.6	
bedrock	bedrock	933	bedrock	158.5	
sand/gravel	permeable	591	bedrock	36.6	
bedrock	bedrock	591	bedrock	54.8	
sand/gravel/cl	ambiguous	ambiguous	bedrock	30.5	30.5
clay	low	aquitard	bedrock	6.1	30.5
yield/groundwater				6.1	
bedrock	bedrock	451	bedrock	5.5	30.5
bedrock	bedrock	451	bedrock	3	30.5
till	low	aquitard	bedrock	11	25.3
clay	low	aquitard	bedrock	3	25.3
till	low	aquitard	bedrock	4	25.3
sand/gravel	permeable	permeable, dr	bedrock	7	25.3
clay	low	aquitard	bedrock	4.3	25.3
bedrock	bedrock	451	bedrock	2.7	25.3
bedrock	bedrock	451	bedrock	0.3	25.3
silt/clay	low	aquitard	bedrock	15.2	
clay	low	aquitard	bedrock	2.5	
silt/clay	low	aquitard	bedrock	1.8	
clay	low	aquitard	bedrock	1.2	
bedrock	bedrock	451	bedrock	4.9	
bedrock	bedrock	451	bedrock	5.2	
bedrock	bedrock	451	bedrock	4.6	
bedrock	bedrock	451	bedrock	11.5	
bedrock	bedrock	451	bedrock	1.9	
sand/gravel/cl	ambiguous	ambiguous		8.5	
boulder/grave	permeable	permeable, dry		0.6	
GRAVEL/silt	ambiguous	ambiguous		4	
CLAY/sand	ambiguous	ambiguous		5.5	
CLAY/sand	ambiguous	ambiguous	bedrock	2.4	30.5
CLAY/sand	ambiguous	ambiguous	bedrock	1.9	30.5
till	low	aquitard	bedrock	15.5	30.5
CLAY/sand	ambiguous	ambiguous	bedrock	3.7	30.5
clay	low	aquitard	bedrock	1.5	30.5
till	low	aquitard	bedrock	6.4	30.5
CLAY/sand	ambiguous	ambiguous	bedrock	3.3	30.5
till	low	aquitard	bedrock	1.6	30.5
clay	low	aquitard	bedrock	1.2	30.5
bedrock	bedrock	451	bedrock	1.5	30.5
yield/groundwater			bedrock	7.6	

sand/gravel/cl	ambiguous	ambiguous	bedrock	27.4	
bedrock	bedrock	591	bedrock	18.3	
GRAVEL/silt	ambiguous	ambiguous	451	6.1	36.6
till	low	aquitard	451	22.6	36.6
sand/gravel	permeable	444	451	2.4	36.6
sand/gravel	permeable	444	451	7.3	36.6
sand/gravel	permeable	444	451	4.9	36.6
clay	low	aquitard	bedrock	12.2	
till	low	aquitard	bedrock	1.8	
clay	low	aquitard	bedrock	15.6	
bedrock	bedrock	bedrock	aquifer	0.4	
clay	low	aquitard	bedrock	5.8	
CLAY/gravel	low	aquitard	bedrock	1.8	
CLAY/gravel	low	aquitard	bedrock	18.3	
bedrock	bedrock	451	bedrock	0.3	
clay	low	aquitard		3.7	6.1
SAND/clay	ambiguous	ambiguous		5.4	6.1
bedrock	bedrock	bedrock	aquifer	4.9	6.1
bedrock	bedrock	bedrock	aquifer	2.2	6.1
clay	low	aquitard	bedrock	0.6	30.5
sand/gravel	permeable	permeable, dr	bedrock	0.6	30.5
clay	low	aquitard	bedrock	1.2	30.5
sand/gravel	permeable	permeable, dr	bedrock	2.2	30.5
bedrock	bedrock	451	bedrock	4.5	30.5
bedrock	bedrock	451	bedrock	4.6	30.5
bedrock	bedrock	451	bedrock	0.6	30.5
bedrock	bedrock	451	bedrock	4	30.5
bedrock	bedrock	451	bedrock	4.6	30.5
bedrock	bedrock	451	bedrock	10.6	30.5
bedrock	bedrock	451	bedrock	0.9	30.5
bedrock	bedrock	451	bedrock	1	30.5
bedrock	bedrock	451	bedrock	2.7	30.5
bedrock	bedrock	451	bedrock	2.4	30.5
bedrock	bedrock	451	bedrock	1	30.5
bedrock	bedrock	451	bedrock	2.4	30.5
bedrock	bedrock	451	bedrock	4.6	30.5
bedrock	bedrock	451	bedrock	0.3	30.5
till	low	aquitard	bedrock	4.3	39.6
CLAY/sand	ambiguous	ambiguous	bedrock	1.5	39.6
bedrock	bedrock	451	bedrock	0.9	39.6
bedrock	bedrock	451	bedrock	4	39.6
bedrock	bedrock	451	bedrock	18.3	39.6

bedrock	bedrock	451	bedrock	29.5	39.6
clay	low	aquitard	bedrock	36.6	
bedrock	bedrock	451	bedrock	13.7	
clay	low	aquitard	451	3	36.6
CLAY/sand	ambiguous	ambiguous	451	5.2	36.6
till	low	aquitard	451	16.8	36.6
CLAY/sand	ambiguous	ambiguous	451	13.4	36.6
till	low	aquitard	451	7.3	36.6
CLAY/sand	ambiguous	ambiguous	451	2.5	36.6
sand/gravel	permeable	444	451	1.8	36.6
clay	low	aquitard	bedrock	2.4	9.1
boulder/gravel	permeable	permeable, dr	bedrock	0.6	9.1
bedrock	bedrock	bedrock	aquifer	3.3	
bedrock	bedrock	933	bedrock	6.1	9.1
bedrock	bedrock	933	bedrock	3.7	9.1
bedrock	bedrock	933	bedrock	4	9.1
bedrock	bedrock	933	bedrock	9.4	9.1
bedrock	bedrock	933	bedrock	3.1	9.1
bedrock	bedrock	933	bedrock	2.1	9.1
bedrock	bedrock	933	bedrock	14.3	9.1
bedrock	bedrock	933	bedrock	20.4	9.1
SAND/clay	ambiguous	ambiguous	bedrock	27.4	
till	low	aquitard	bedrock	0.2	
SAND/clay	permeable	permeable, dr	bedrock	2.6	
till	low	aquitard	bedrock	0.3	
SAND/clay	ambiguous	ambiguous	bedrock	9.4	
bedrock	bedrock	917	bedrock	45.4	
till	low	aquitard	bedrock	21.3	
bedrock	bedrock	589	bedrock	38.1	
till	low	aquitard	bedrock	21.3	
bedrock	bedrock	589	bedrock	53.4	
clay	low	aquitard	bedrock	9.1	
bedrock	bedrock	bedrock	aquifer	30.5	
bedrock	bedrock	bedrock	aquifer	7	
bedrock	bedrock	451	bedrock	105.2	
clay	low	aquitard	bedrock	15.2	
bedrock	bedrock	bedrock	aquif bedrock	35.1	
sand/gravel	permeable	aquifer (uncor	aquifer, uncor	29	
bedrock	bedrock	591	aquifer, uncor	16.7	
clay	low	aquitard	bedrock	10.7	
bedrock	bedrock	451	bedrock	57.9	
CLAY/gravel	low	aquitard	451	7.3	9.1

sand/gravel/cl	ambiguous	ambiguous	451	3.7	9.1
silt/clay	low	aquitard	451	4.2	9.1
clay	low	aquitard	451	1.6	9.1
silt/clay	low	aquitard	451	10.3	9.1
sand/gravel	permeable		444 451	0.6	9.1
till	low	aquitard	bedrock	3	17.7
clay	low	aquitard	bedrock	11.9	17.7
clay	low	aquitard	bedrock	2.5	17.7
till	low	aquitard	bedrock	1.8	17.7
bedrock	bedrock		451 bedrock	2.7	17.7
silt	low	aquitard	bedrock	1.2	15.2
till	low	aquitard	bedrock	1.8	15.2
bedrock	bedrock	bedrock	aquifer	24.4	
clay	low	aquitard	bedrock	3.7	15.2
bedrock	bedrock		451 bedrock	2.4	15.2
bedrock	bedrock		451 bedrock	3.1	15.2
bedrock	bedrock		451 bedrock	1.5	15.2
bedrock	bedrock		451 bedrock	9.2	15.2
bedrock	bedrock		451 bedrock	0.9	15.2
bedrock	bedrock		451 bedrock	0.3	15.2
bedrock	bedrock		451 bedrock	3	15.2
bedrock	bedrock		451 bedrock	0.6	15.2
bedrock	bedrock		451 bedrock	2.5	15.2
bedrock	bedrock		451 bedrock	0.3	15.2
bedrock	bedrock		451 bedrock	0.3	15.2
bedrock	bedrock		451 bedrock	24.2	
clay	low	aquitard	bedrock	51.8	
bedrock	bedrock		451 bedrock	12.2	
clay	low	aquitard	bedrock	10.7	
bedrock	bedrock		451 bedrock	35	
till	low	aquitard	451	9.1	17.4
CLAY/gravel	low	aquitard	451	10.7	17.4
clay	low	aquitard	451	3.1	17.4
bedrock	bedrock	bedrock	aquifer	18.3	
bedrock	bedrock	bedrock	aquifer	97.5	
clay	low	aquitard		6.1	
sand/gravel/cl	ambiguous		444 451	3	17.4
clay	low	aquitard	bedrock	7.6	
bedrock	bedrock		451 bedrock	102.1	
clay	low	aquitard	bedrock	1.5	4
bedrock	bedrock		451 bedrock	4.6	4
bedrock	bedrock		451 bedrock	0.9	4

till	low	aquitard	451	22.9		
sand/gravel	permeable		444	451	12.2	
clay	low	aquitard	bedrock		10.7	
bedrock	bedrock		451	bedrock	89.9	
clay	low	aquitard	bedrock		4.6	
bedrock	bedrock		591	bedrock	36.5	
clay	low	aquitard	bedrock		15.2	
bedrock	bedrock		631	bedrock	12.2	
clay	low	aquitard	bedrock		18.3	
bedrock	bedrock		631	bedrock	176.8	
clay	low	aquitard	bedrock		15.2	
bedrock	bedrock		631	bedrock	12.2	
clay	low	aquitard	bedrock		18.3	
bedrock	bedrock		451	bedrock	30.5	
clay	low	aquitard	bedrock		13.7	
bedrock	bedrock		451	bedrock	91.5	
till	low	aquitard	bedrock		39.6	
bedrock	bedrock		451	bedrock	10.7	
clay	low	aquitard	bedrock		15.2	
clay	low	aquitard	bedrock		27.4	
bedrock	bedrock		631	bedrock	53.4	
bedrock	bedrock		631	bedrock	36.6	
clay	low	aquitard	bedrock		12.2	
bedrock	bedrock		631	bedrock	94.5	
clay	low	aquitard	bedrock		70.1	
bedrock	bedrock		451	bedrock	13.7	
clay	low	aquitard	bedrock		3	38.4
bedrock	bedrock		451	bedrock	9.8	38.4
bedrock	bedrock		451	bedrock	5.5	38.4
bedrock	bedrock		451	bedrock	0.3	38.4
bedrock	bedrock		451	bedrock	8.5	38.4
bedrock	bedrock		451	bedrock	4.6	38.4
bedrock	bedrock		451	bedrock	10.4	38.4
bedrock	bedrock		451	bedrock	2.1	38.4
bedrock	bedrock		451	bedrock	0.9	38.4
bedrock	bedrock	bedrock aquifer			18.3	
bedrock	bedrock	bedrock aquifer			30.5	
silt	low	aquitard	640	0.6		
boulder/gravel	permeable	permeable	640	0.9		
GRAVEL/silt	ambiguous	permeable	640	0.9		
till	low	aquitard	640	1.3		
sand/gravel	permeable		640	640	2.1	

sand/gravel	permeable		640	640	4	
sand/gravel	permeable		640	640	3	
sand/gravel	permeable		640	640	4	
GRAVEL/silt	ambiguous		640	640	0.9	
till	low	aquitard		640	4.2	
clay	low	aquitard	bedrock		6.1	20.7
clay	low	aquitard	bedrock		9.1	20.7
bedrock	bedrock		451	bedrock	10.4	20.7
bedrock	bedrock		451	bedrock	3	
bedrock	bedrock		451	bedrock	30.5	
bedrock	bedrock		451	bedrock	3.1	
bedrock	bedrock		451	bedrock	18.3	14
bedrock	bedrock		451	bedrock	1.2	14
CLAY/sand	ambiguous	ambiguous	687-442		12.2	9.1
sand/gravel	permeable		687	687-442	2.7	9.1
bedrock	bedrock		451	bedrock	15.2	
bedrock	bedrock		451	bedrock	18.3	
bedrock	bedrock		451	bedrock	0.6	
clay	low	aquitard	bedrock		15.2	19.5
till	low	aquitard	bedrock		4.6	19.5
bedrock	bedrock		451	bedrock	5.8	19.5
bedrock	bedrock		451	bedrock	30.5	
clay	low	aquitard			15.2	14.6
CLAY/sand	ambiguous	ambiguous			4	14.6
clay	low	aquitard	bedrock		35.1	
bedrock	bedrock		591	bedrock	15.2	
till	low	aquitard		635	2.4	
sand/gravel	permeable		635	635	4.3	
silt	low	aquitard		635	5.5	
sand/gravel	permeable		635	635	6.1	
sand/gravel	permeable		635	635	7	
till	low	aquitard		635	17.4	
sand/gravel	permeable		635	635	5.5	
sand/gravel	permeable		635	635	5.1	
bedrock	bedrock	bedrock aquif		635	3.7	
till	low	aquitard			1.8	
sand/gravel	permeable	permeable			1.9	
till	low	aquitard			16.4	
till	low	aquitard			15.3	
till	low	aquitard			0.9	
till	low	aquitard			3.9	
clay	low	aquitard			9.5	

clay	low	aquitard		4
till	low	aquitard		3
bedrock	bedrock	bedrock aquifer		0.3
soil/organic	low	ambiguous		0.6
GRAVEL/silt	ambiguous	permeable		1.8
sand/gravel	permeable	permeable		1.9
till	low	aquitard		16.4
till	low	aquitard		15.3
till	low	aquitard		0.9
till	low	aquitard		3.9
clay	low	aquitard		9.5
silt/clay	low	aquitard		4
till	low	aquitard		3
bedrock	bedrock	bedrock aquifer		3.1
bedrock	bedrock	bedrock aquifer		3.1
till	low	aquitard	635	2.4
sand/gravel	permeable		635	4.3
silt	low	aquitard	635	5.5
sand/gravel	permeable		635	6.1
sand/gravel	permeable		635	6.7
till	low	aquitard	635	17.7
sand/gravel	permeable		635	5.5
sand/gravel	permeable		635	5.1
bedrock	bedrock	bedrock aquifer	635	3.7
soil/organic	low	ambiguous		0.9
sand/gravel	permeable	permeable, dry		2.5
till	low	aquitard		0.6
sand/gravel	permeable	permeable		1.5
till	low	aquitard		1.8
till	low	aquitard		5.8
till	low	aquitard		4.6
bedrock	bedrock	bedrock aquifer		1.5
till	low	aquitard		29.3
soil/organic	low	ambiguous		0.9
till	low	aquitard		6.1
till	low	aquitard		1.8
till	low	aquitard		5.8
till	low	aquitard		4.6
bedrock	bedrock	aquitard		1.5
bedrock	bedrock	bedrock aquifer		29.3
clay	low	aquitard		18.3
CLAY/sand	low	aquitard		9.1



silt	low	aquitard	640	0.6	8.8
boulder/gravel	permeable	permeable	640	0.9	8.8
GRAVEL/silt	ambiguous	permeable	640	0.9	8.8
till	low	aquitard	640	1.3	8.8
sand/gravel	permeable	640	640	2.1	8.8
sand/gravel	permeable	640	640	7	8.8
sand/gravel/cl	ambiguous	640	640	4	8.8
GRAVEL/silt	ambiguous	640	640	0.9	8.8
till	low	aquitard	640	4.2	8.8
bedrock	bedrock	451	bedrock	10.4	6.4
till	low	aquitard	bedrock	9.8	18.3
bedrock	bedrock	451	bedrock	12.8	18.3
sand/gravel/cl	ambiguous	ambiguous		12.2	
silt	low	aquitard	635	1.8	9.1
silt	low	aquitard	635	3.1	9.1
sand/gravel	permeable	635	635	3.6	9.1
sand/gravel	permeable	635	635	2.5	9.1
till	low	aquitard	635	5.8	9.1
sand/gravel	permeable	635	635	4.5	9.1
till	low	aquitard	635	17.1	9.1
sand/gravel	permeable	635	635	3.7	9.1
sand/gravel	permeable	635	635	2.4	9.1
till	low	aquitard	635	1.5	9.1
sand/gravel	permeable	635	635	2.2	9.1
till	low	aquitard	635	0.9	9.1
till	low	aquitard	635	4.5	9.1
till	low	aquitard	635	5.2	9.1
till	low	aquitard	635	4.3	9.1
till	low	aquitard	635	26.2	9.1
till	low	aquitard	bedrock	9.1	12.2
CLAY/sand	ambiguous	ambiguous	bedrock	6.1	12.2
bedrock	bedrock	451	bedrock	1.3	12.2
CLAY/sand	ambiguous	ambiguous		48.8	
CLAY/sand	ambiguous	ambiguous	bedrock	12.2	12.2
bedrock	bedrock	451	bedrock	4.9	12.2
till	low	aquitard		121.9	
clay	low	aquitard	bedrock	39.6	
bedrock	bedrock	591	bedrock	19.8	
clay	low	aquitard	bedrock	13.7	
bedrock	bedrock	591	bedrock	114.3	
bedrock	bedrock	591	bedrock	54.9	
clay	low	aquitard	bedrock	21.3	

bedrock	bedrock	451	bedrock	93
silt/clay	low	aquitard		54.9
clay	low	aquitard	bedrock	30.5
bedrock	bedrock	688	bedrock	57.9
clay	low	aquitard	bedrock	6.1
bedrock	bedrock	688	bedrock	24.4
till	low	aquitard		121.9
sand/gravel	permeable	permeable		61
clay	low	aquitard	bedrock	12.2
bedrock	bedrock	bedrock	aquif bedrock	41.1
bedrock	bedrock	593	bedrock	36.6
clay	low	aquitard	bedrock	54.9
bedrock	bedrock	622	bedrock	12.2
clay	low	aquitard	bedrock	12.2
bedrock	bedrock	689	bedrock	15.2
clay	low	aquitard	bedrock	6.1
bedrock	bedrock	591	bedrock	12.2
clay	low	aquitard	bedrock	21.3
bedrock	bedrock	688	bedrock	38.1
clay	low	aquitard	bedrock	15.2
bedrock	bedrock	451	bedrock	25.9
clay	low	aquitard	bedrock	18.3
bedrock	bedrock	bedrock	aquifer	9.2
bedrock	bedrock	593	bedrock	36.6
clay	low	aquitard	bedrock	27.4
bedrock	bedrock	451	bedrock	18.3
CLAY/gravel	low	aquitard		134.1
clay	low	aquitard	bedrock	18.3
bedrock	bedrock	688	bedrock	22.8
sand/gravel	permeable	permeable		118.9
sand/gravel/cl	ambiguous	ambiguous	bedrock	68.6
bedrock	bedrock	689	bedrock	15.2
clay	low	aquitard	bedrock	18.3
bedrock	bedrock	688	bedrock	13.7
clay	low	aquitard	bedrock	21.3
bedrock	bedrock	451	bedrock	19.8
till	low	aquitard	aquifer, confir	16.2
sand/gravel	permeable	permeable, dr	aquifer, confir	0.6
till	low	aquitard	aquifer, confir	10.6
sand/gravel	permeable	permeable, dr	aquifer, confir	13.7
till	low	aquitard	aquifer, confir	26
till	low	aquitard	aquifer, confir	2.4

till	low	aquitard	aquifer, confir	1.2	
bedrock	bedrock	bedrock	aquifer	13.7	
clay	low	aquitard		3.7	
silt/clay	low		444 aquifer, confir	2.5	
till	low	aquitard	aquifer, confir	6	
clay	low	aquitard		12.2	
till	low	aquitard		3	
bedrock	bedrock	bedrock	aquifer	3.1	
clay	low	aquitard	bedrock	21.3	
bedrock	bedrock		593 bedrock	70.1	
clay	low	aquitard	bedrock	12.2	
bedrock	bedrock		595 bedrock	71.6	
clay	low	aquitard	bedrock	85.3	
bedrock	bedrock		634 bedrock	29	
clay	low	aquitard	bedrock	21.3	
bedrock	bedrock		451 bedrock	33.6	
sand/gravel	permeable	aquifer (uncor	aquifer, uncor	51.8	
bedrock	bedrock		591 aquifer, uncor	88.4	
CLAY/sand	ambiguous	ambiguous		12.2	25.6
clay	low	aquitard		4.9	25.6
bedrock	bedrock	bedrock	aquifer	4.2	25.6
clay	low	aquitard	bedrock	10.7	
bedrock	bedrock		591 bedrock	21.3	
clay	low	aquitard	bedrock	7.6	
bedrock	bedrock	bedrock	aquif bedrock	42.7	
sand/gravel	permeable	permeable		3.6	
bedrock	bedrock	bedrock	aquifer	11	
SAND/clay	ambiguous	ambiguous	aquifer, confir	134.1	
sand/gravel	permeable		597 aquifer, confir	6.1	
clay	low	aquitard	bedrock	13.7	
bedrock	bedrock		591 bedrock	77.7	
sand/gravel	permeable	permeable	bedrock	3	8.5
clay	low	aquitard	bedrock	3.7	8.5
CLAY/sand	low	aquitard	bedrock	4.3	8.5
bedrock	bedrock		639 bedrock	2.1	8.5
clay	low	aquitard	bedrock	18.3	
bedrock	bedrock		448 bedrock	54.9	
clay	low	aquitard	bedrock	48.8	
bedrock	bedrock		451 bedrock	91.4	
clay	low	aquitard	bedrock	19.8	
bedrock	bedrock	bedrock	aquif bedrock	41.2	
CLAY/sand	ambiguous	ambiguous	bedrock	6.1	6.7

clay	low	aquitard	bedrock	4	6.7
bedrock	bedrock	451	bedrock	0.9	6.7
clay	low	aquitard	bedrock	42.7	
bedrock	bedrock	595	bedrock	16.7	
clay	low	aquitard	bedrock	7.6	
bedrock	bedrock		bedrock aquifer	24.4	
clay	low	aquitard		4.6	
bedrock	bedrock	593	bedrock	10.7	
clay	low	aquitard	bedrock	30.5	
bedrock	bedrock	591	bedrock	3	
clay	low	aquitard	aquifer, confir	39.6	
sand/gravel	permeable	596	aquifer, confir	25.9	
clay	low	aquitard	bedrock	9.1	9.1
clay	low	aquitard	bedrock	9.2	9.1
bedrock	bedrock	451	bedrock	1.2	9.1
bedrock	bedrock	451	bedrock	18.6	9.1
bedrock	bedrock	451	bedrock	7	9.1
clay	low	aquitard	bedrock	13.7	
bedrock	bedrock	595	bedrock	35.1	
clay	low	aquitard	bedrock	15.2	
bedrock	bedrock	593	bedrock	25.9	
SAND/clay	ambiguous	ambiguous	bedrock	42.7	
bedrock	bedrock	591	bedrock	30.5	
clay	low	aquitard	bedrock	15.2	
bedrock	bedrock	622	bedrock	45.8	
clay	low	aquitard	bedrock	22.9	
bedrock	bedrock	593	bedrock	36.5	
sand/gravel	permeable	592	aquifer, uncor	41.1	
clay	low	aquitard	bedrock	9.1	85.3
bedrock	bedrock	622	bedrock	131.1	85.3
sand/gravel	permeable		aquifer (uncor aquifer, uncor	51.8	
bedrock	bedrock	591	aquifer, uncor	57.9	
clay	low	aquitard	bedrock	13.7	
bedrock	bedrock	595	bedrock	114.3	
clay	low	aquitard	bedrock	21.3	
bedrock	bedrock	622	bedrock	19.8	
sand/gravel	permeable		permeable	64	
clay	low	aquitard	bedrock	18.3	
bedrock	bedrock	451	bedrock	65.5	
clay	low	aquitard	bedrock	10.7	
bedrock	bedrock	622	bedrock	108.2	
clay	low	aquitard	bedrock	18.3	

bedrock	bedrock	593	bedrock	21.3	
clay	low	aquitard	bedrock	13.7	
bedrock	bedrock	591	bedrock	96	
clay	low	aquitard	bedrock	21.3	
bedrock	bedrock	622	bedrock	56.4	
till	low	aquitard		18.3	28.3
clay	low	aquitard		7.9	28.3
CLAY/sand	ambiguous	ambiguous		5.8	28.3
sand/gravel/cl	ambiguous	ambiguous		1.8	28.3
CLAY/sand	low	aquitard		7.6	
bedrock	bedrock	bedrock	aquifer	16.8	
clay	low	aquitard	aquifer, confir	54.9	
sand/gravel	permeable	590	aquifer, confir	88.4	
clay	low	aquitard	bedrock	9.1	
bedrock	bedrock	622	bedrock	82.3	
clay	low	aquitard	bedrock	3	
bedrock	bedrock	591	bedrock	27.5	
sand/gravel	permeable	592	aquifer, uncor	45.7	
silt/clay	low	aquitard	bedrock	24.4	40.2
bedrock	bedrock	451	bedrock	6.1	40.2
bedrock	bedrock	451	bedrock	0.6	40.2
bedrock	bedrock	451	bedrock	11.6	40.2
bedrock	bedrock	451	bedrock	3	40.2
bedrock	bedrock	451	bedrock	0.3	40.2
clay	low	aquitard	bedrock	38.1	36.6
bedrock	bedrock	627	bedrock	12.2	36.6
GRAVEL/silt	ambiguous	628	624-625-627-1	1.2	3.4
till	low	628	624-625-627-1	3.1	3.4
till	low	628	624-625-627-1	3.3	3.4
till	low	628	624-625-627-1	5	3.4
till	low	aquitard	624-625-627-1	2.1	1.5
GRAVEL/silt	ambiguous	628	624-625-627-1	1.9	1.5
sand/gravel	permeable	628	624-625-627-1	4.8	1.5
sand/gravel	permeable	628	624-625-627-1	3.1	1.5
silt/clay	low	aquitard	624-625-627-1	15.5	1.5
till	low	aquitard	bedrock	0.6	7.6
bedrock	bedrock	627	bedrock	2.4	7.6
bedrock	bedrock	627	bedrock	1.3	7.6
bedrock	bedrock	627	bedrock	1.8	7.6
bedrock	bedrock	627	bedrock	2.1	7.6
bedrock	bedrock	627	bedrock	0.9	7.6
clay	low	aquitard		7.6	29.9

clay	low	aquitard		12.2	29.9
till	low	aquitard		6.1	29.9
sand/gravel	permeable	permeable, dry		1.5	29.9
clay	low	aquitard		10.7	29.9
CLAY/gravel	low	aquitard		4	29.9
clay	low	aquitard	bedrock	10.4	
bedrock	bedrock	451	bedrock	0.6	
clay	low	aquitard	bedrock	31.7	
bedrock	bedrock	591	bedrock	6.4	7.6
bedrock	bedrock	451	bedrock	1.8	
clay	low	aquitard	bedrock	7.3	
bedrock	bedrock	451	bedrock	2.8	
bedrock	bedrock	451	bedrock	14.9	
bedrock	bedrock	451	bedrock	2.1	
till	low	aquitard	687-442	7.9	
tbd	ambiguous	ambiguous	687-442	0.9	
boulder/gravel	permeable	444	687-442	12.5	
unknown/over	ambiguous	ambiguous	687-442	2.5	
boulder/gravel	permeable	444	687-442	12.8	
till	low	aquitard	bedrock	2.7	9.1
bedrock	bedrock	688	bedrock	19.9	9.1
bedrock	bedrock	688	bedrock	32.3	9.1
bedrock	bedrock	688	bedrock	21.3	9.1
bedrock	bedrock	688	bedrock	15.2	9.1
CLAY/gravel	low	aquitard	687-442	9.1	
sand/gravel	permeable	687	687-442	6.7	
till	low	aquitard	bedrock	19.5	
bedrock	bedrock	634	bedrock	3.4	
bedrock	bedrock	634	bedrock	1.8	
clay	low	aquitard		12.2	
bedrock	bedrock	634	bedrock	5.5	
bedrock	bedrock	634	bedrock	6.1	
bedrock	bedrock	634	bedrock	9.1	
bedrock	bedrock	634	bedrock	9.2	
bedrock	bedrock	634	bedrock	5.8	
bedrock	bedrock	634	bedrock	0.6	
bedrock	bedrock	634	bedrock	3	
till	low	aquitard	bedrock	8.5	16.2
clay	low	aquitard	bedrock	5.5	16.2
clay	low	aquitard	bedrock	1.8	16.2
bedrock	bedrock	451	bedrock	4.9	16.2
bedrock	bedrock	451	bedrock	3.4	16.2

bedrock	bedrock		451 bedrock	1.2	16.2
			bedrock	57.9	
bedrock	bedrock		451 bedrock	10.7	42.7
bedrock	bedrock		451 bedrock	7.6	42.7
till	low	aquitard		7.3	
till	low	aquitard		3.1	
till	low	aquitard		27.7	
clay	low	aquitard	bedrock	15.2	
bedrock	bedrock		451 bedrock	13.1	
bedrock	bedrock		451 bedrock	13.5	
clay	low	aquitard		3.7	
clay	low	aquitard		3.6	
till	low	aquitard	bedrock	0.9	
till	low	aquitard	bedrock	9.8	24.4
clay	low	aquitard	bedrock	3.6	24.4
till	low	aquitard	bedrock	11.6	24.4
bedrock	bedrock		688 bedrock	13.1	24.4
clay	low	aquitard		6.1	
boulder/gravel	permeable	permeable, dry		1.2	
till	low	aquitard		7.9	
boulder/gravel	permeable	permeable, dry		6.1	
CLAY/gravel	low	aquitard		10.7	
unknown/over	ambiguous	ambiguous		0.9	
sand/gravel	permeable	permeable, dry		5.2	
till	low	aquitard		1.5	
clay	low	aquitard	bedrock	6.7	
bedrock	bedrock		593 bedrock	5.5	
bedrock	bedrock		593 bedrock	0.6	
bedrock	bedrock		593 bedrock	1.8	
bedrock	bedrock		593 bedrock	1.9	
clay	low	aquitard	bedrock	6.1	
bedrock	bedrock		593 bedrock	11.6	
bedrock	bedrock		593 bedrock	4.9	
bedrock	bedrock		593 bedrock	4.8	
bedrock	bedrock		593 bedrock	1.3	
bedrock	bedrock		593 bedrock	12.4	
bedrock	bedrock		593 bedrock	7.7	
till	low	aquitard	bedrock	2.4	3.7
bedrock	bedrock		688 bedrock	3.7	3.7
bedrock	bedrock		688 bedrock	24.4	3.7
clay	low	aquitard	687-442	9.8	
sand/gravel	permeable		687 687-442	5.1	

sand/gravel	permeable	687	687-442		9.5	
bedrock	bedrock	bedrock	aquif	687-442	4.9	
bedrock	bedrock	bedrock	aquif	687-442	37.8	
till	low	aquitard		451	25.6	
sand/gravel	permeable	444		451	4.6	
clay	low	aquitard	bedrock		13.7	
clay	low	aquitard	bedrock		3.1	
bedrock	bedrock	451	bedrock		6.7	
till	low	aquitard	bedrock		5.5	12.8
clay	low	aquitard	bedrock		9.7	12.8
bedrock	bedrock	593	bedrock		3.1	12.8
CLAY/gravel	low	aquitard			12.8	
sand/gravel	permeable	permeable, dry			0.4	
clay	low	aquitard	bedrock		14.3	
bedrock	bedrock	451	bedrock		5.5	
bedrock	bedrock	451	bedrock		10.1	
bedrock	bedrock	451	bedrock		2.4	
bedrock	bedrock	451	bedrock		7.3	
bedrock	bedrock	451	bedrock		6.1	
till	low	aquitard	charlie lake ct		77.4	21.3
sand/gravel	permeable	aquifer (Charl	charlie lake ct		2.5	21.3
till	low	aquitard	charlie lake ct		34.4	21.3
sand/gravel	permeable	permeable, dr	bedrock		7.6	
CLAY/sand	ambiguous	ambiguous	bedrock		15.3	
bedrock	bedrock	451	bedrock		9.4	
bedrock	bedrock	451	bedrock		7.9	
bedrock	bedrock	451	bedrock		1.6	
bedrock	bedrock	451	bedrock		2.4	
bedrock	bedrock	451	bedrock		1.5	
clay	low	aquitard	bedrock		18.9	
bedrock	bedrock	933	bedrock		11	
bedrock	bedrock	933	bedrock		3.9	
bedrock	bedrock	933	bedrock		16.5	
sand/gravel/cl	ambiguous	ambiguous			20.1	
bedrock	bedrock	bedrock	aquifer		13.7	
bedrock	bedrock	933	bedrock		3	
bedrock	bedrock	933	bedrock		1	
clay	low	aquitard	bedrock		18.3	
bedrock	bedrock	933	bedrock		11.6	
bedrock	bedrock	933	bedrock		4.8	
bedrock	bedrock	933	bedrock		6.4	
bedrock	bedrock	933	bedrock		5.8	



clay	low	aquitard	bedrock	6.1	
sand/gravel/cl	ambiguous	ambiguous	bedrock	4.9	
bedrock	bedrock	639	bedrock	3.3	
bedrock	bedrock	639	bedrock	17.4	
clay	low	aquitard		15.2	
clay	low	aquitard		11	
sand/gravel/cl	ambiguous	ambiguous		3.7	
clay	low	aquitard		8.2	
clay	low	aquitard	bedrock	4.3	
CLAY/gravel	low	aquitard	bedrock	17	
sand/gravel	permeable	448	bedrock	1.3	
GRAVEL/silt	ambiguous	ambiguous	bedrock	7	
bedrock	bedrock	448	bedrock	1.5	
CLAY/sand	low	aquitard		51.2	
bedrock	bedrock	448	bedrock	11.6	
bedrock	bedrock	448	bedrock	1.8	
CLAY/sand	low	aquitard		3.7	9.4
clay	low	aquitard		4.2	9.4
CLAY/sand	low	aquitard		3.1	9.4
sand/gravel/cl	ambiguous	ambiguous		2.1	9.4
clay	low	aquitard		19.8	9.4
clay	low	aquitard	bedrock	14.3	
bedrock	bedrock	933	bedrock	10.1	
clay	low	aquitard	bedrock	11.6	
bedrock	bedrock	933	bedrock	15.8	
clay	low	aquitard	bedrock	14.3	
till	low	aquitard	bedrock	8.9	
sand/gravel	permeable	permeable	bedrock	3	
clay	low	aquitard	bedrock	3.4	
tbd		aquitard	bedrock	4.2	
till	low	aquitard	bedrock	18	
sand/gravel	permeable	636	bedrock	1.5	
clay	low	aquitard	bedrock	1	
till	low	aquitard		10.1	
GRAVEL/silt	permeable	permeable		22.9	
bedrock	bedrock	bedrock	aquifer	18.3	
clay	low	aquitard		0.6	
till	low	aquitard		7.6	
sand/gravel	permeable	690		0.9	
till	low	aquitard		9.5	
bedrock	bedrock	bedrock	aquifer	0.6	
bedrock	bedrock	bedrock	aquifer	3	

silt/clay	low	aquitard		15.2	
sand/gravel	permeable	permeable		6.1	
clay	low	aquitard		22	
sand/gravel	permeable	636		0.9	
clay	low	aquitard	bedrock	12.2	
bedrock	bedrock	933	bedrock	4.6	
bedrock	bedrock	933	bedrock	13.7	
bedrock	bedrock	933	bedrock	1.5	
bedrock	bedrock	933	bedrock	0.9	
clay	low	aquitard	bedrock	47.9	
sand/gravel	permeable	permeable, dr	bedrock	7	
bedrock	bedrock	933	bedrock	1.5	
bedrock	bedrock	933	bedrock	4.6	
bedrock	bedrock	933	bedrock	2.7	
bedrock	bedrock	933	bedrock	0.3	
till	low	aquitard	bedrock	24.4	
bedrock	bedrock	451	bedrock	2.4	
clay	low	aquitard	bedrock	6.7	
bedrock	bedrock	451	bedrock	0.6	
clay	low	aquitard	bedrock	11.6	
soil/organic	ambiguous	ambiguous		0.2	
till	low	aquitard		1.9	2.1
till	low	aquitard		4.2	2.1
till	low	aquitard		2.5	2.1
sand/gravel	permeable	aquitard		2.1	2.1
SAND/clay	ambiguous	aquitard		38.1	2.1
clay	low	aquitard	bedrock	4.6	
CLAY/sand	ambiguous	ambiguous	bedrock	50.3	
clay	low	aquitard	bedrock	15.2	
SAND/clay	ambiguous	permeable, dr	bedrock	12.2	
bedrock	bedrock	933	bedrock	12.2	
clay	low	aquitard	bedrock	4.6	
clay	low	aquitard	bedrock	18.3	
clay	low	aquitard	bedrock	1.5	
till	low	aquitard	bedrock	21.3	
bedrock	bedrock	933	bedrock	12.2	
bedrock	bedrock	933	bedrock	18.3	
clay	low	aquitard	bedrock	22.9	
bedrock	bedrock	634	bedrock	7.6	
bedrock	bedrock	634	bedrock	2.4	
bedrock	bedrock	634	bedrock	6.7	
CLAY/gravel	low	aquitard		6.1	

GRAVEL/silt	permeable	permeable		2.1	
till	low	aquitard	bedrock	8.5	27.4
bedrock	bedrock	451	bedrock	9.8	27.4
bedrock	bedrock	451	bedrock	9.1	27.4
bedrock	bedrock	451	bedrock	3.1	27.4
bedrock	bedrock	451	bedrock	1.5	27.4
clay	low	aquitard		5.5	
bedrock	bedrock	451		0.6	
bedrock	bedrock	451		3	
bedrock	bedrock	451		4.6	
bedrock	bedrock	451		3.4	
bedrock	bedrock	451		9.7	
bedrock	bedrock	451		9.2	
bedrock	bedrock	451		2.4	
bedrock	bedrock	451		16.5	
bedrock	bedrock	451		12.2	
CLAY/sand	ambiguous	ambiguous		2.4	
till	low	aquitard		3.7	
clay	low	aquitard		7.6	
CLAY/sand	ambiguous	ambiguous		4.6	
clay	low	aquitard		3	
sand/gravel/cl	ambiguous	ambiguous		0.6	
sand/gravel	permeable	permeable, dr	bedrock	3.7	25.3
CLAY/sand	ambiguous	ambiguous	bedrock	3.6	25.3
till	low	aquitard	bedrock	4.3	25.3
bedrock	bedrock	451	bedrock	5.2	25.3
bedrock	bedrock	451	bedrock	1.5	25.3
bedrock	bedrock	451	bedrock	1.2	25.3
bedrock	bedrock	451	bedrock	12.2	25.3
bedrock	bedrock	451	bedrock	0.6	25.3
bedrock	bedrock	451	bedrock	4.3	25.3
bedrock	bedrock	451	bedrock	7.9	25.3
bedrock	bedrock	451	bedrock	2.4	25.3
bedrock	bedrock	451	bedrock	11.3	25.3
clay	low	aquitard	bedrock	51.2	
clay	low	aquitard		4.6	
sand/gravel	permeable	permeable		7.6	
till	low	aquitard	bedrock	9.8	
bedrock	bedrock	933	bedrock	13.1	
clay	low	aquitard	bedrock	3.7	34.1
clay	low	aquitard	bedrock	5.1	
bedrock	bedrock	451	bedrock	1	34.1

bedrock	bedrock	451	bedrock	10	34.1
bedrock	bedrock	451	bedrock	1.5	34.1
bedrock	bedrock	451	bedrock	9.2	34.1
bedrock	bedrock	451	bedrock	1.5	34.1
bedrock	bedrock	451	bedrock	2.1	34.1
bedrock	bedrock	451	bedrock	5.5	34.1
clay	low	aquitard	bedrock	21.3	
clay	low	aquitard	bedrock	6.4	
bedrock	bedrock	451	bedrock	2.2	
bedrock	bedrock	451	bedrock	27.4	
bedrock	bedrock	451	bedrock	8.2	
bedrock	bedrock	451	bedrock	10.7	
bedrock	bedrock	451	bedrock	6.1	
clay	low	aquitard	bedrock	12.2	
bedrock	bedrock	451	bedrock	6.7	
bedrock	bedrock	451	bedrock	9.8	
bedrock	bedrock	451	bedrock	4.8	
bedrock	bedrock	451	bedrock	4.9	
bedrock	bedrock	451	bedrock	0.6	
clay	low	aquitard	bedrock	6.1	
sand/gravel	permeable	permeable, dr	bedrock	9.1	
clay	low	aquitard	bedrock	1.6	
bedrock	bedrock	451	bedrock	17.3	
bedrock	bedrock	451	bedrock	1.3	
clay	low	aquitard	451	6.1	
clay	low	aquitard	451	15.2	
sand/gravel	permeable	443	451	10.4	
sand/gravel	permeable	443	451	3.4	
clay	low	aquitard	bedrock	12.2	
bedrock	bedrock	451	bedrock	3	
bedrock	bedrock	451	bedrock	15.3	
bedrock	bedrock	451	bedrock	3.6	
bedrock	bedrock	451	bedrock	4	
SAND/clay	ambiguous	ambiguous	bedrock	8.5	20.4
clay	low	aquitard	bedrock	2.5	20.4
bedrock	bedrock	451	bedrock	14.9	20.4
bedrock	bedrock	451	bedrock	1.5	20.4
clay	low	aquitard	bedrock	2.4	
clay	low	aquitard	bedrock	15.3	
boulder/grave	permeable	permeable, dr	bedrock	0.9	
clay	low	aquitard	bedrock	5.8	
clay	low	aquitard	bedrock	9.7	

bedrock	bedrock	451	bedrock	6.4	
clay	low	aquitard	451	7.6	
clay	low	aquitard	451	6.1	
sand/gravel	permeable	permeable, dr	451	4.6	
clay	low	aquitard	451	4.6	
sand/gravel	permeable	444	451	15.2	
clay	low	aquitard	451	0.6	
clay	low	aquitard	bedrock	13.7	
bedrock	bedrock	451	bedrock	12.2	
bedrock	bedrock	451	bedrock	13.7	
clay	low	aquitard	bedrock	6.7	
bedrock	bedrock	451	bedrock	0.6	
bedrock	bedrock	451	bedrock	14	
bedrock	bedrock	451	bedrock	3.1	
bedrock	bedrock	451	bedrock	6.4	
bedrock	bedrock	451	bedrock	2.7	
bedrock	bedrock	451	bedrock	6.1	
bedrock	bedrock	451	bedrock	3.7	
bedrock	bedrock	451	bedrock	2.4	
bedrock	bedrock	451	bedrock	15.3	
clay	low	aquitard		8.5	
sand/gravel	permeable	permeable, dry		0.9	
sand/gravel	permeable	permeable, dry		0.4	
clay	low	aquitard		8.5	
clay	low	aquitard	bedrock	3	
clay	low	aquitard	bedrock	13.8	
bedrock	bedrock	451	bedrock	10.9	
bedrock	bedrock	451	bedrock	4.3	
bedrock	bedrock	451	bedrock	4.6	
clay	low	aquitard	bedrock	0.3	
bedrock	bedrock	bedrock aquifer		304.8	
clay	low	aquitard	451	1.2	38.1
GRAVEL/silt	ambiguous	ambiguous	451	38.4	38.1
till	low	aquitard	451	6.1	38.1
sand/gravel	permeable	444	451	1.5	38.1
clay	low	aquitard		12.2	
silt	low	aquitard		7.9	
clay	low	aquitard		12.5	
CLAY/gravel	low	aquitard		23.8	
CLAY/sand	ambiguous	ambiguous		8.2	
clay	low	aquitard		13.7	
clay	low	aquitard	charlie lake ct	13.7	

clay	low	aquitard	charlie lake ct	10.1	
CLAY/sand	ambiguous	ambiguous	charlie lake ct	8.2	
bedrock	bedrock	bedrock aquifer		18.3	
bedrock	bedrock	bedrock aquifer		24.4	
clay	low	aquitard	charlie lake ct	29	
sand/gravel	permeable	aquifer (Charl	charlie lake ct	3	
clay	low	aquitard	charlie lake ct	2.1	
clay	low	aquitard	bedrock	3.7	
boulder/grave	permeable	permeable, dr	bedrock	0.9	
clay	low	aquitard	bedrock	24.4	
bedrock	bedrock	451	bedrock	0.9	
bedrock	bedrock	451	bedrock	9.7	
bedrock	bedrock	451	bedrock	1.5	
bedrock	bedrock	451	bedrock	25.3	
bedrock	bedrock	451	bedrock	12.2	
bedrock	bedrock	451	bedrock	5.5	
tbd	ambiguous	ambiguous	bedrock	24.4	
bedrock	bedrock	451	bedrock	8.2	
clay	low	aquitard	bedrock	18.3	
bedrock	bedrock	451	bedrock	3	
bedrock	bedrock	451	bedrock	3.1	
bedrock	bedrock	451	bedrock	1.5	
bedrock	bedrock	451	bedrock	6.7	
bedrock	bedrock	451	bedrock	0.6	
bedrock	bedrock	bedrock aquifer		18.3	
till	low	aquitard		6.1	
bedrock	bedrock	451	bedrock	33.9	
bedrock	bedrock	451	bedrock	10.6	
bedrock	bedrock	451	bedrock	1.5	
clay	low	aquitard		9.1	
sand/gravel	permeable	636		4.6	
clay	low	aquitard		25.3	
sand/gravel	permeable	636		6.7	
clay	low	aquitard	bedrock	25.6	
bedrock	bedrock	933	bedrock	7.3	
bedrock	bedrock	933	bedrock	5.2	
bedrock	bedrock	933	bedrock	39.3	
bedrock	bedrock	933	bedrock	14	
sand/gravel	permeable	permeable	923	6.1	6.1
silt	low	aquitard	923	7.6	6.1
till	low	aquitard	923	12.2	6.1
sand/gravel	permeable	923	923	1.5	6.1

sand/gravel	permeable	440, dry	bedrock	12.2	36.6
till	low	aquitard	bedrock	12.2	36.6
bedrock	bedrock	441	bedrock	36.6	36.6
bedrock	bedrock	441	bedrock	18.3	36.6
clay	low	aquitard	bedrock	3	
CLAY/sand	ambiguous	ambiguous	bedrock	3.1	
CLAY/sand	ambiguous	ambiguous	bedrock	2.1	
sand/gravel	permeable	permeable, dr	bedrock	0.9	
clay	low	aquitard	bedrock	3.1	
CLAY/sand	ambiguous	ambiguous	bedrock	10.7	
till	low	aquitard	bedrock	7.6	
bedrock	bedrock	451	bedrock	3	
bedrock	bedrock	451	bedrock	4.6	
bedrock	bedrock	451	bedrock	8.8	
bedrock	bedrock	451	bedrock	1.3	
bedrock	bedrock	451	bedrock	11.2	
bedrock	bedrock	451	bedrock	7.7	
bedrock	bedrock	451	bedrock	3	
bedrock	bedrock	451	bedrock	0.6	
CLAY/sand	ambiguous	ambiguous		15.2	
sand/gravel	permeable	permeable, dry		7.7	
till	low	aquitard		19.8	
till	low	aquitard		6.1	
silt	low	aquitard		12.2	
silt	low	aquitard		3	
silt	low	aquitard		0.6	
SAND/clay	ambiguous	ambiguous	bedrock	3	15.2
clay	low	aquitard	bedrock	4.9	15.2
bedrock	bedrock	451	bedrock	6.7	15.2
bedrock	bedrock	451	bedrock	3.1	15.2
bedrock	bedrock	bedrock aquifer		115.8	
bedrock	bedrock	451	bedrock	3	15.2
bedrock	bedrock	451	bedrock	2.2	15.2
clay	low	aquitard	bedrock	13.7	
bedrock	bedrock	933	bedrock	0.9	
bedrock	bedrock	933	bedrock	6.7	
bedrock	bedrock	933	bedrock	3.1	
bedrock	bedrock	933	bedrock	4.6	
bedrock	bedrock	933	bedrock	7.6	
clay	low	aquitard		15.2	21.3
clay	low	aquitard		7.7	21.3
till	low	aquitard		0.6	21.3

clay	low	aquitard		4.5	21.3
till	low	aquitard		1.9	21.3
CLAY/sand	ambiguous	ambiguous	687-442	5.5	
sand/gravel	permeable		687 687-442	2.7	
sand/gravel	permeable		687 687-442	1.9	
bedrock	bedrock		451 bedrock	12.2	
bedrock	bedrock		451 bedrock	1.2	
bedrock	bedrock		451 bedrock	7.9	
bedrock	bedrock		451 bedrock	9.2	
bedrock	bedrock		451 bedrock	3	
bedrock	bedrock		451 bedrock	8	
bedrock	bedrock		451 bedrock	0.5	
clay	low	aquitard	bedrock	20.1	
till	low	aquitard		6.1	
bedrock	bedrock		451 bedrock	12.5	
clay	low	aquitard	bedrock	3	17.1
clay	low	aquitard	bedrock	4.9	17.1
SAND/clay	ambiguous	ambiguous	bedrock	7.3	17.1
bedrock	bedrock		451 bedrock	2.8	17.1
bedrock	bedrock		451 bedrock	1.8	17.1
bedrock	bedrock		451 bedrock	2.1	17.1
till	low	aquitard	bedrock	7	13.7
CLAY/sand	ambiguous	ambiguous	bedrock	10.1	13.7
bedrock	bedrock		permeable, dr bedrock	0.9	13.7
bedrock	bedrock		451 bedrock	1.2	13.7
CLAY/sand	ambiguous	ambiguous	687-442	4.6	
sand/gravel	permeable		687 687-442	2.7	
sand/gravel	permeable		687 687-442	1.2	
clay	low	aquitard	bedrock	45.7	
bedrock	bedrock		933 bedrock	3.1	
bedrock	bedrock		933 bedrock	12.2	
bedrock	bedrock		933 bedrock	6.1	
clay	low	aquitard	bedrock	27.4	
bedrock	bedrock		933 bedrock	24.4	
bedrock	bedrock		bedrock aquifer	85.3	
bedrock	bedrock		933 bedrock	13.7	
bedrock	bedrock		933 bedrock	4.6	
bedrock	bedrock		933 bedrock	18.3	
bedrock	bedrock		933 bedrock	6.7	
CLAY/sand	ambiguous	ambiguous	bedrock	3.7	30.5
clay	low	aquitard	bedrock	7.3	30.5
bedrock	bedrock		451 bedrock	0.6	30.5



bedrock	bedrock		451 bedrock	14.6	30.5
bedrock	bedrock		451 bedrock	7.9	30.5
bedrock	bedrock		451 bedrock	0.6	30.5
bedrock	bedrock		451 bedrock	33.5	
bedrock	bedrock		451 bedrock	10.7	
bedrock	bedrock		451 bedrock	35	
bedrock	bedrock		451 bedrock	1.6	
bedrock	bedrock		451 bedrock	6.1	
CLAY/gravel	low	aquitard	bedrock	40.5	
bedrock	bedrock		933 bedrock	2.2	
clay	low		933 bedrock	3.6	
bedrock	bedrock		933 bedrock	11.6	
CLAY/gravel	low	aquitard	bedrock	10.7	
bedrock	bedrock		bedrock aquifer	11.9	45.9
bedrock	bedrock		bedrock aquifer	0.9	45.9
clay	low	aquitard	bedrock	10.6	
bedrock	bedrock		448 bedrock	10.7	
clay	low		448 bedrock	0.6	
clay	low	aquitard	bedrock	22.9	
bedrock	bedrock		448 bedrock	19.8	
bedrock	bedrock		448 bedrock	3.9	
bedrock	bedrock		448 bedrock	3.7	
bedrock	bedrock		448 bedrock	1.5	
clay	low	aquitard	bedrock	7.6	
clay	low	aquitard	bedrock	10.7	
bedrock	bedrock		448 bedrock	19.8	
bedrock	bedrock		448 bedrock	7.6	
bedrock	bedrock		448 bedrock	3.1	
bedrock	bedrock		448 bedrock	9.1	
bedrock	bedrock		448 bedrock	3.7	
clay	low	aquitard	bedrock	42.1	
bedrock	bedrock		933 bedrock	4.5	
bedrock	bedrock		933 bedrock	1.6	
bedrock	bedrock		933 bedrock	6.1	
bedrock	bedrock		933 bedrock	15.8	
bedrock	bedrock		933 bedrock	4.6	
bedrock	bedrock		933 bedrock	34.1	
bedrock	bedrock		933 bedrock	4.6	
bedrock	bedrock		933 bedrock	8.5	
till	low	aquitard	451	11.6	15.8
CLAY/sand	ambiguous	ambiguous	451	5.5	15.8
clay	low	aquitard	451	2.7	15.8

sand/gravel/cl	ambiguous	444	451	1.2	15.8
clay	low	aquitard	bedrock	5.2	41.8
sand/gravel/cl	ambiguous	ambiguous	bedrock	3	41.8
clay	low	aquitard	bedrock	22.3	41.8
bedrock	bedrock	451	bedrock	3	41.8
bedrock	bedrock	451	bedrock	9.2	41.8
bedrock	bedrock	451	bedrock	18	41.8
clay	low	aquitard	bedrock	2.4	
bedrock	bedrock	917	bedrock	50.9	
CLAY/sand	ambiguous	ambiguous	charlie lake ct	15.2	52.1
clay	low	aquitard	charlie lake ct	6.1	52.1
unknown/over	permeable	permeable, dr	charlie lake ct	0.3	52.1
clay	low	aquitard	charlie lake ct	32.3	52.1
silt/clay	low	aquitard	charlie lake ct	11.6	52.1
bedrock	bedrock	bedrock	aquifer	2.1	45.9
bedrock	bedrock	bedrock	aquifer	2.5	45.9
sand/gravel	permeable	permeable, dr	charlie lake ct	0.3	52.1
clay	low	aquitard	charlie lake ct	3.7	52.1
sand/gravel/cl	ambiguous	aquifer (Charl	charlie lake ct	0.9	52.1
clay	low	aquitard	bedrock	1.8	29.9
clay	low	aquitard	bedrock	18.9	29.9
boulder/grave	permeable	permeable, dr	bedrock	1.6	29.9
sand/gravel	permeable	permeable, dr	bedrock	0.9	29.9
clay	low	aquitard	bedrock	6.7	29.9
bedrock	bedrock	451	bedrock	0.6	29.9
bedrock	bedrock	451	bedrock	6.1	29.9
clay	low	aquitard	aquifer, confir	12.2	7.2
sand/gravel	permeable	permeable	aquifer, confir	10.7	7.2
sand/gravel/cl	ambiguous	851	aquifer, confir	2.1	7.2
clay	low	aquitard	bedrock	10.7	2.4
bedrock	bedrock	451	bedrock	1.5	2.4
bedrock	bedrock	451	bedrock	3.6	2.4
clay	low	aquitard	bedrock	24.4	
bedrock	bedrock	593	bedrock	47.2	
clay	low	aquitard	bedrock	9.1	
CLAY/sand	ambiguous	ambiguous	bedrock	6.1	
bedrock	bedrock	451	bedrock	5.5	
bedrock	bedrock	451	bedrock	32.6	
clay	low	aquitard	bedrock	3	
sand/gravel	permeable	permeable, dr	bedrock	3.1	
bedrock	bedrock	451	bedrock	12.2	
bedrock	bedrock	451	bedrock	3	

bedrock	bedrock		451 bedrock		4.6	
bedrock	bedrock		451 bedrock		10.7	
bedrock	bedrock		451 bedrock		9.1	
sand/gravel	permeable		624 bedrock		1.5	0.3
clay	low	aquitard	bedrock		1.5	0.3
sand/gravel	permeable		624 bedrock		1.6	0.3
silt	low	aquitard	bedrock		19.8	0.3
bedrock	bedrock		627 bedrock		12.2	0.3
bedrock	bedrock		627 bedrock		6.1	0.3
CLAY/gravel	low		626 bedrock		7.6	4.6
clay	low	aquitard	bedrock		100.6	4.6
bedrock	bedrock	bedrock aquif	bedrock		7.6	4.6
clay	low	aquitard	bedrock		46.3	
bedrock	bedrock		627 bedrock		20.8	
bedrock	bedrock	bedrock aquifer			0.9	45.9
bedrock	bedrock	bedrock aquifer			4.2	45.9
CLAY/gravel	low	aquitard	bedrock		6.1	9.1
bedrock	bedrock		627 bedrock		15.2	9.1
bedrock	bedrock		627 bedrock		9.2	9.1
sand/gravel	permeable		626 bedrock		12.2	9.1
clay	low	aquitard	bedrock		100.6	9.1
bedrock	bedrock	bedrock aquif	bedrock		9.1	9.1
sand/gravel	permeable	permeable, dr	630		5.5	35.1
sand/gravel	permeable	permeable, dr	630		0.6	35.1
sand/gravel	permeable	permeable, dr	630		4.9	35.1
sand/gravel	permeable	permeable, dr	630		1.2	35.1
sand/gravel	permeable	permeable, dr	630		7.6	35.1
sand/gravel	permeable	permeable, dr	630		13.7	35.1
silt	low	aquitard	630		33.6	35.1
sand/gravel	permeable		630	630	7.6	35.1
sand/gravel	permeable		630	630	1.5	35.1
clay	low	aquitard	bedrock		6.1	
bedrock	bedrock		451 bedrock		26.5	
bedrock	bedrock		451 bedrock		0.6	
bedrock	bedrock		451 bedrock		9.5	
bedrock	bedrock		451 bedrock		12.2	
bedrock	bedrock	bedrock aquifer			19.2	
bedrock	bedrock		451 bedrock		25.9	
bedrock	bedrock		451 bedrock		14.3	
sand/gravel	permeable		630	630	6.1	3
silt	low	aquitard		630	102.1	3
sand/gravel	permeable		630	630	1.5	3

clay	low	aquitard	bedrock	6.1	
bedrock	bedrock	451	bedrock	16.8	
bedrock	bedrock	451	bedrock	4.5	
bedrock	bedrock	451	bedrock	7.7	
bedrock	bedrock	451	bedrock	4.8	
bedrock	bedrock	451	bedrock	5.8	
bedrock	bedrock	451	bedrock	9.2	
clay	low	aquitard	bedrock	7.6	6.1
bedrock	bedrock	593	bedrock	29	6.1
sand/gravel	permeable	688	bedrock	9.1	30.5
bedrock	bedrock	688	bedrock	82.3	30.5
clay	low	aquitard	bedrock	51.8	
bedrock	bedrock	593	bedrock	176.8	
clay	low	aquitard		3	
sand/gravel	permeable	permeable		1.6	
clay	low	aquitard		9.7	
sand/gravel	permeable	permeable		0.9	
clay	low	aquitard		21.4	
sand/gravel	permeable	910		15.2	
sand/gravel	permeable	permeable, dr	451	36.9	
clay	low	444	451	1.8	
clay	low	aquitard		33.5	
clay	low	aquitard	bedrock	4.6	9.4
sand/gravel	permeable	permeable, dr	bedrock	0.9	9.4
clay	low	aquitard	bedrock	53.6	9.4
bedrock	bedrock	451	bedrock	3.4	9.4
clay	low	aquitard	bedrock	15.8	
clay	low	aquitard	bedrock	2.5	
bedrock	bedrock	451	bedrock	13.7	
bedrock	bedrock	451	bedrock	9.1	
bedrock	bedrock	451	bedrock	4.6	
bedrock	bedrock	451	bedrock	21.4	
bedrock	bedrock	451	bedrock	3	
bedrock	bedrock	451	bedrock	20.7	
bedrock	bedrock	451	bedrock	3.1	
clay	low	aquitard	bedrock	50.3	
bedrock	bedrock	451	bedrock	4.6	
bedrock	bedrock	bedrock aquifer		7.6	
bedrock	bedrock	bedrock aquifer		44.2	
bedrock	bedrock	451	bedrock	2.1	
bedrock	bedrock	451	bedrock	5.5	
bedrock	bedrock	451	bedrock	1.2	

bedrock	bedrock	451	bedrock	5.5	
bedrock	bedrock	451	bedrock	14	
bedrock	bedrock	451	bedrock	1.2	
bedrock	bedrock	451	bedrock	7.7	
bedrock	bedrock	451	bedrock	1.5	
clay	low	aquitard		6.4	
bedrock	bedrock	451		3	
bedrock	bedrock	451		18	
bedrock	bedrock	451		5.2	
bedrock	bedrock	451		4	
bedrock	bedrock	451		6.1	
bedrock	bedrock	451		3	
bedrock	bedrock	451		4.9	
bedrock	bedrock	451		7	
bedrock	bedrock	451		0.9	
bedrock	bedrock	451		5.8	
bedrock	bedrock	451		1.5	
bedrock	bedrock	451		4.3	
bedrock	bedrock	bedrock aquifer		16.8	
bedrock	bedrock	451		1.2	
bedrock	bedrock	451		5.2	
bedrock	bedrock	451		0.9	
bedrock	bedrock	451		12.5	
bedrock	bedrock	451		3.1	
bedrock	bedrock	451		1.5	
bedrock	bedrock	451		3	
bedrock	bedrock	451		4	
CLAY/sand	ambiguous	ambiguous	bedrock	12.2	24.1
CLAY/sand	ambiguous	ambiguous	bedrock	3	24.1
clay	low	aquitard	bedrock	0.6	24.1
clay	low	aquitard	bedrock	5.5	24.1
bedrock	bedrock	451	bedrock	0.6	24.1
bedrock	bedrock	451	bedrock	4	24.1
bedrock	bedrock	451	bedrock	2.1	24.1
bedrock	bedrock	451	bedrock	1.3	24.1
bedrock	bedrock	451	bedrock	2.1	24.1
sand/gravel/cl	ambiguous	625	624-625-627-1	12.2	5.5
CLAY/gravel	low	aquitard	bedrock	29.9	12.2
bedrock	bedrock	627	bedrock	28	12.2
bedrock	bedrock	bedrock aquifer		1.5	
clay	low	aquitard	451	21.3	
CLAY/gravel	low	aquitard	451	4.9	

clay	low	aquitard	451	12.5
till	low	aquitard	451	0.9
sand/gravel	permeable	444	451	2.2
sand/gravel	permeable	444	451	2.4
sand/gravel	permeable	444	451	1.2
sand/gravel/cl	ambiguous	aquitard		30.5
clay	low	aquitard	bedrock	5.2
bedrock	bedrock	451	bedrock	3.9
bedrock	bedrock	451	bedrock	4.6
bedrock	bedrock	451	bedrock	13.7
bedrock	bedrock	451	bedrock	6.1
bedrock	bedrock	451	bedrock	3.1
bedrock	bedrock	451	bedrock	3.3
bedrock	bedrock	451	bedrock	4.3
bedrock	bedrock	451	bedrock	0.6
bedrock	bedrock	451	bedrock	3.4
bedrock	bedrock	451	bedrock	3.6
bedrock	bedrock	451	bedrock	12.2
bedrock	bedrock	451	bedrock	0.9
sand/gravel	permeable	permeable		5.5
CLAY/gravel	low	aquitard		17.1
clay	low	aquitard	bedrock	6.1
clay	low	aquitard	bedrock	12.2
clay	low	aquitard	bedrock	3
clay	low	aquitard	bedrock	0.6
clay	low	aquitard	bedrock	1.3
clay	low	aquitard	bedrock	1.2
clay	low	aquitard	bedrock	1.2
till	low	aquitard	bedrock	1.8
clay	low	aquitard	bedrock	4.3
bedrock	bedrock	451	bedrock	1.8
clay	low	aquitard	bedrock	5.2
clay	low	aquitard	bedrock	3.6
clay	low	aquitard	bedrock	3.1
bedrock	bedrock	451	bedrock	3
bedrock	bedrock	451	bedrock	0.9
bedrock	bedrock	451	bedrock	1.6
bedrock	bedrock	451	bedrock	1.2
bedrock	bedrock	451	bedrock	1.5
bedrock	bedrock	451	bedrock	1.8
bedrock	bedrock	451	bedrock	3.7
bedrock	bedrock	451	bedrock	9.8

bedrock	bedrock		451	bedrock	1.2	
clay	low	aquitard		bedrock	2.1	
bedrock	bedrock		451	bedrock	0.6	
bedrock	bedrock		451	bedrock	2.2	
bedrock	bedrock		451	bedrock	0.6	
bedrock	bedrock		451	bedrock	15.5	
bedrock	bedrock		451	bedrock	1.9	
bedrock	bedrock		451	bedrock	11.8	
bedrock	bedrock		451	bedrock	11	
clay	low	aquitard		bedrock	1.8	
bedrock	bedrock		451	bedrock	3.4	
bedrock	bedrock		451	bedrock	1.8	
bedrock	bedrock		451	bedrock	5.5	
bedrock	bedrock		451	bedrock	2.1	
bedrock	bedrock		451	bedrock	1.2	
bedrock	bedrock		451	bedrock	1.9	
bedrock	bedrock		451	bedrock	1.2	
bedrock	bedrock		451	bedrock	1.8	
bedrock	bedrock		451	bedrock	1.6	
bedrock	bedrock		451	bedrock	0.9	
bedrock	bedrock		451	bedrock	2.1	
bedrock	bedrock		451	bedrock	5.8	
bedrock	bedrock		451	bedrock	0.9	
bedrock	bedrock		451	bedrock	3.1	
bedrock	bedrock		451	bedrock	3	
bedrock	bedrock		451	bedrock	1.5	
bedrock	bedrock		451	bedrock	1.5	
bedrock	bedrock		451	bedrock	5.2	
bedrock	bedrock		451	bedrock	0.9	
CLAY/sand	ambiguous	ambiguous			14.6	9.1
clay	low	aquitard			0.3	9.1
clay	low	aquitard			4.6	9.1
till	low	aquitard		bedrock	18.3	30.5
bedrock	bedrock		451	bedrock	18.3	30.5
bedrock	bedrock		451	bedrock	18.3	30.5
bedrock	bedrock		451	bedrock	44.2	30.5
clay	low	aquitard		451	8.2	
till	low	aquitard		451	6.1	
CLAY/gravel	low	aquitard		451	2.2	
sand/gravel	permeable		444	451	3.6	
till	low	aquitard		bedrock	27.4	30.5
bedrock	bedrock		451	bedrock	9.2	30.5

bedrock	bedrock	451	bedrock	48.7	30.5
bedrock	bedrock	451	bedrock	6.1	30.5
till	low	aquitard	bedrock	5.5	
bedrock	bedrock	451	bedrock	6.1	
bedrock	bedrock	451	bedrock	0.6	
bedrock	bedrock	451	bedrock	1.5	
bedrock	bedrock	451	bedrock	0.9	
bedrock	bedrock	451	bedrock	2.2	
bedrock	bedrock	451	bedrock	1.5	
bedrock	bedrock	451	bedrock	4.9	
bedrock	bedrock	451	bedrock	0.3	
clay	low	aquitard		13.7	
sand/gravel	permeable		690	35.1	
clay	low	aquitard	bedrock	0.9	
bedrock	bedrock	451	bedrock	26.2	
bedrock	bedrock	451	bedrock	4	
bedrock	bedrock	451	bedrock	14	
bedrock	bedrock	451	bedrock	0.6	
clay	low	aquitard	451	6.4	16.2
sand/gravel	permeable	permeable, dr	451	0.6	16.2
sand/gravel/cl	ambiguous	ambiguous	451	5.8	16.2
till	low	aquitard	451	4.3	16.2
clay	low	aquitard	451	1.2	16.2
till	low	aquitard	451	3	16.2
sand/gravel/cl	ambiguous		444 451	1.6	16.2
clay	low	aquitard	bedrock	14.6	9.1
bedrock	bedrock	451	bedrock	9.8	9.1
bedrock	bedrock	451	bedrock	36.6	9.1
till	low	aquitard		6.7	12.2
silt/clay	low	aquitard		7.9	12.2
clay	low	aquitard		4.9	12.2
tbd	ambiguous	ambiguous		1.2	12.2
sand/gravel/cl	ambiguous		851	2.3	12.2
clay	low	aquitard	bedrock	30.8	
bedrock	bedrock		931 bedrock	1.5	
bedrock	bedrock		931 bedrock	19.5	
clay	low	aquitard	bedrock	29.6	7
bedrock	bedrock		931 bedrock	2.1	7
bedrock	bedrock		931 bedrock	7.9	7
bedrock	bedrock		931 bedrock	0.6	7
clay	low	aquitard	bedrock	1.5	7.6
SAND/clay	ambiguous	ambiguous		3.3	



bedrock	bedrock	451	bedrock	6.1	7.6
bedrock	bedrock	451	bedrock	1.5	7.6
bedrock	bedrock	451	bedrock	5.2	7.6
bedrock	bedrock	451	bedrock	0.9	7.6
bedrock	bedrock	451	bedrock	2.5	7.6
bedrock	bedrock	451	bedrock	2.4	7.6
bedrock	bedrock	451	bedrock	1.5	7.6
bedrock	bedrock	451	bedrock	4.6	7.6
bedrock	bedrock	451	bedrock	0.3	7.6
clay	low	aquitard	bedrock	13.7	26.2
bedrock	bedrock	451	bedrock	44.2	26.2
clay	low	aquitard		4	
bedrock	bedrock	451		6.1	
bedrock	bedrock	451		0.6	
bedrock	bedrock	451		3.6	
bedrock	bedrock	451		2.5	
bedrock	bedrock	451		0.9	
bedrock	bedrock	451		3.9	
bedrock	bedrock	451		4.3	
bedrock	bedrock	451		2.8	
bedrock	bedrock	451		3.9	
unknown/over	ambiguous	ambiguous		6.1	45.7
bedrock	bedrock	451		3.1	
bedrock	bedrock	451		1.5	
bedrock	bedrock	451		7	
bedrock	bedrock	451		1.5	
bedrock	bedrock	451		0.3	
clay	low	aquitard	aquifer, confir	6.1	5.5
sand/gravel	permeable		851 aquifer, confir	1.2	5.5
clay	low		851 aquifer, confir	2.5	5.5
CLAY/gravel	low	aquitard	bedrock	18.3	15.2
bedrock	bedrock	627	bedrock	42.7	15.2
CLAY/gravel	low	aquitard		13.7	
sand/gravel	permeable	permeable, dry		6.4	
clay	low	aquitard	bedrock	18.3	18.3
bedrock	bedrock	627	bedrock	42.7	18.3
clay	low	aquitard	bedrock	2.4	
clay	low	aquitard	bedrock	3.7	
CLAY/sand	ambiguous	ambiguous	bedrock	6.1	
clay	low	aquitard	bedrock	4.3	
CLAY/sand	ambiguous	ambiguous	bedrock	2.1	
clay	low	aquitard	bedrock	2.1	

silt/clay	low	aquitard	bedrock	4.3	
bedrock	bedrock		593 bedrock	1.8	
bedrock	bedrock		593 bedrock	0.2	
clay	low	aquitard	bedrock	10.7	
bedrock	bedrock		451 bedrock	23.4	
bedrock	bedrock		451 bedrock	1.6	
bedrock	bedrock		451 bedrock	1.8	
bedrock	bedrock		451 bedrock	2.1	
bedrock	bedrock		451 bedrock	5.2	
bedrock	bedrock		451 bedrock	2.4	
bedrock	bedrock		451 bedrock	6.1	
bedrock	bedrock		451 bedrock	4.6	
bedrock	bedrock		451 bedrock	8.5	
bedrock	bedrock		451 bedrock	0.7	
bedrock	bedrock		451 bedrock	13.7	
bedrock	bedrock		451 bedrock	14.3	
clay	low	aquitard	bedrock	2.4	
CLAY/sand	ambiguous	ambiguous	bedrock	12.5	
clay	low	aquitard	bedrock	2.2	
bedrock	bedrock		593 bedrock	1.2	
bedrock	bedrock		593 bedrock	4.3	
bedrock	bedrock		593 bedrock	4.8	
bedrock	bedrock	bedrock aquifer		9.1	
clay	low	aquitard		32.6	
bedrock	bedrock		593 bedrock	0.6	
clay	low	aquitard	bedrock	30.5	45.7
sand/gravel	permeable	permeable, dr	bedrock	13.7	45.7
bedrock	bedrock		451 bedrock	86.9	45.7
clay	low	aquitard		5.5	37.2
clay	low	aquitard		1.8	37.2
clay	low	aquitard		12.5	37.2
clay	low	aquitard		15.3	37.2
clay	low	aquitard		2.1	37.2
till	low	aquitard		3	37.2
clay	low	aquitard	bedrock	5.5	20.7
clay	low	aquitard	bedrock	5.5	20.7
silt/clay	low	aquitard	bedrock	3.6	20.7
clay	low	aquitard	bedrock	2.8	20.7
clay	low	aquitard	bedrock	5.5	20.7
bedrock	bedrock		933 bedrock	3	20.7
clay	low	aquitard	bedrock	7.6	
bedrock	bedrock		451 bedrock	3.1	

bedrock	bedrock	451 bedrock	3.6	
bedrock	bedrock	451 bedrock	1.5	
bedrock	bedrock	bedrock aquifer	8.5	
bedrock	bedrock	bedrock aquifer	0.4	
bedrock	bedrock	451 bedrock	2.5	
bedrock	bedrock	451 bedrock	3.6	
bedrock	bedrock	451 bedrock	4.6	
bedrock	bedrock	451 bedrock	0.9	
bedrock	bedrock	451 bedrock	0.9	
bedrock	bedrock	451 bedrock	2.2	
bedrock	bedrock	451 bedrock	2.1	
bedrock	bedrock	451 bedrock	6.1	
bedrock	bedrock	451 bedrock	0.9	
bedrock	bedrock	451 bedrock	5.2	
bedrock	bedrock	451 bedrock	0.9	
CLAY/gravel	low	aquitard	9.4	9.4
clay	low	aquitard	32.6	
clay	low	aquitard	bedrock	13.7
bedrock	bedrock	451 bedrock	1.5	
bedrock	bedrock	451 bedrock	15.3	
bedrock	bedrock	451 bedrock	20.1	
bedrock	bedrock	451 bedrock	8.8	
bedrock	bedrock	451 bedrock	13.8	
bedrock	bedrock	451 bedrock	39.6	
clay	low	aquitard	bedrock	18.3
till	low	aquitard	bedrock	12.2
bedrock	bedrock	bedrock aquifer	79.8	
sand/gravel	permeable	444 bedrock	3	18.3
bedrock	bedrock	451 bedrock	0.3	18.3
clay	low	aquitard	bedrock	27.4
bedrock	bedrock	451 bedrock	3.7	
bedrock	bedrock	451 bedrock	0.6	
bedrock	bedrock	451 bedrock	12.5	
clay	low	aquitard	bedrock	30.5
sand/gravel	permeable	permeable, dr bedrock	9.1	57.9
bedrock	bedrock	451 bedrock	71.7	57.9
till	low	aquitard	3	11
CLAY/sand	ambiguous	ambiguous	11.9	11
clay	low	aquitard	0.3	11
sand/gravel/cl	ambiguous	ambiguous	1.9	11
till	low	aquitard	bedrock	11.6
clay	low	aquitard	bedrock	1.5

bedrock	bedrock	451	bedrock	2.1	
bedrock	bedrock	451	bedrock	3.4	
bedrock	bedrock	451	bedrock	0.6	
bedrock	bedrock	451	bedrock	5.5	
bedrock	bedrock	451	bedrock	0.9	
bedrock	bedrock	451	bedrock	3.7	
bedrock	bedrock	451	bedrock	3.3	
bedrock	bedrock	451	bedrock	4.3	
bedrock	bedrock		bedrock aquifer	0.3	
bedrock	bedrock	451	bedrock	1.6	
bedrock	bedrock	451	bedrock	2.7	
bedrock	bedrock	451	bedrock	1.5	
clay	low		aquitard bedrock	6.7	15.2
bedrock	bedrock	451	bedrock	8.5	15.2
bedrock	bedrock	451	bedrock	8	15.2
bedrock	bedrock	451	bedrock	3.6	15.2
bedrock	bedrock	451	bedrock	14.3	15.2
bedrock	bedrock	451	bedrock	4.6	15.2
clay	low		aquitard bedrock	1.5	7.6
bedrock	bedrock	451	bedrock	30.5	7.6
bedrock	bedrock	451	bedrock	1.5	7.6
bedrock	bedrock	451	bedrock	9.8	7.6
bedrock	bedrock	451	bedrock	2.4	7.6
CLAY/gravel	low		aquitard bedrock	36.6	30.5
bedrock	bedrock	451	bedrock	45.7	30.5
till	low		aquitard bedrock	19.8	
till	low		aquitard bedrock	0.6	
till	low		aquitard bedrock	19.5	
bedrock	bedrock	451	bedrock	8.3	
bedrock	bedrock	451	bedrock	3.6	
clay	low		aquitard bedrock	18.3	
sand/gravel	permeable		448 bedrock	18.3	
bedrock	bedrock	448	bedrock	64	
clay	low		aquitard	11	
till	low		aquitard	4.2	
clay	low		aquitard	6.1	
clay	low		aquitard	3.1	
silt/clay	low		aquitard	6.1	
boulder/grave	permeable		permeable	1.8	
clay	low		aquitard bedrock	25	33.2
bedrock	bedrock	451	bedrock	5.5	33.2
bedrock	bedrock	451	bedrock	10	33.2

clay	low	aquitard	aquifer, confir	13.7	
sand/gravel/cl	ambiguous		690 aquifer, confir	41.2	
CLAY/sand	low	aquitard		0.6	
sand/gravel	permeable	permeable		70.7	
clay	low	aquitard		12.2	
CLAY/gravel	low	aquitard		24.4	
clay	low	aquitard		25.9	
sand/gravel	permeable		690	4.6	
till	low	aquitard	bedrock	36.6	
bedrock	bedrock		448 bedrock	21.3	
clay	low	aquitard	bedrock	9.8	53.6
clay	low	aquitard	bedrock	2.7	53.6
clay	low	aquitard	bedrock	3.3	53.6
till	low	aquitard	bedrock	1.3	53.6
bedrock	bedrock	bedrock	aquifer	31.7	
till	low	aquitard		35.1	18.3
clay	low	aquitard	bedrock	3.9	53.6
till	low	aquitard	bedrock	2.8	53.6
clay	low	aquitard	bedrock	5.2	53.6
bedrock	bedrock		931 bedrock	0.3	53.6
bedrock	bedrock		931 bedrock	7.3	53.6
bedrock	bedrock		931 bedrock	1.2	53.6
bedrock	bedrock		931 bedrock	1.2	53.6
bedrock	bedrock		931 bedrock	9.8	53.6
bedrock	bedrock		931 bedrock	8.8	53.6
bedrock	bedrock		451 bedrock	18.9	
bedrock	bedrock		451 bedrock	1.5	
bedrock	bedrock		451 bedrock	0.3	
bedrock	bedrock		451 bedrock	0.6	
bedrock	bedrock		451 bedrock	1	
bedrock	bedrock		451 bedrock	6.4	
bedrock	bedrock		451 bedrock	2.7	
bedrock	bedrock		451 bedrock	0.6	
bedrock	bedrock		451 bedrock	4.6	
clay	low	aquitard	bedrock	14.6	
till	low	aquitard	bedrock	23.8	
bedrock	bedrock	bedrock	aquifer	1.5	18.3
till	low	aquitard		3.7	
bedrock	bedrock		451 bedrock	24.4	
bedrock	bedrock		451 bedrock	14.3	
bedrock	bedrock		451 bedrock	4.6	
bedrock	bedrock		451 bedrock	4.9	

bedrock	bedrock	451	bedrock	0.3	
bedrock	bedrock	451	bedrock	1.8	
bedrock	bedrock	451	bedrock	1.5	
bedrock	bedrock	451	bedrock	1.6	
bedrock	bedrock	451	bedrock	0.3	
bedrock	bedrock	451	bedrock	4.2	
bedrock	bedrock	451	bedrock	2.5	
bedrock	bedrock	451	bedrock	4.2	
bedrock	bedrock	451	bedrock	0.9	
bedrock	bedrock	451	bedrock	5.2	
clay	low	aquitard	bedrock	12.2	
sand/gravel	permeable	permeable, dr	bedrock	12.2	
bedrock	bedrock	451	bedrock	112.8	
clay	low	aquitard		12.2	6.1
GRAVEL/silt	ambiguous	ambiguous		6.1	6.1
boulder/grave	permeable	permeable, dr	aquifer 630	4.6	36.9
till	low	aquitard	aquifer 630	0.9	36.9
till	low	aquitard	aquifer 630	8.2	36.9
GRAVEL/silt	ambiguous	aquitard	aquifer 630	10.7	36.9
sand/gravel	permeable	permeable, dr	aquifer 630	1.2	36.9
silt	low	aquitard	aquifer 630	16.5	36.9
till	low	aquitard	aquifer 630	4.8	36.9
sand/gravel	permeable	630	aquifer 630	2.9	36.9
silt	low	630	aquifer 630	0.5	36.9
sand/gravel/cl	ambiguous	630	aquifer 630	9.7	36.9
sand/gravel	permeable	630	aquifer 630	1.3	36.9
till	low	aquitard	bedrock	30.5	9.8
bedrock	bedrock	451	bedrock	6.1	9.8
bedrock	bedrock	451	bedrock	1.5	9.8
sand/gravel	permeable	permeable	923	6.1	6.1
sand/gravel	permeable	permeable	923	59.4	6.1
sand/gravel	permeable	923	923	1.6	6.1
sand/gravel	permeable	permeable	923	59.4	12.2
sand/gravel	permeable	923	923	1.6	12.2
clay	low	aquitard	bedrock	15.2	
bedrock	bedrock	591	bedrock	24.4	
clay	low	aquitard	624-625-627-1	4.6	4.6
sand/gravel	permeable	628	624-625-627-1	7.6	4.6
clay	low	aquitard	bedrock	4.6	42.7
clay	low	aquitard	bedrock	9.1	
clay	low	aquitard	bedrock	1.5	42.7
boulder/grave	permeable	permeable, dr	bedrock	1	42.7

sand/gravel	permeable	permeable, dr bedrock		0.6	42.7
clay	low	aquitard	bedrock	13.7	
bedrock	bedrock	451 bedrock		9.1	42.7
bedrock	bedrock	451 bedrock		10.7	42.7
sand/gravel	permeable	permeable		2.2	
sand/gravel	permeable	permeable		1.2	
clay	low	aquitard		29.5	
sand/gravel	permeable	permeable		6.4	
bedrock	bedrock	451 bedrock		9.8	
bedrock	bedrock	451 bedrock		2.4	
bedrock	bedrock	451 bedrock		8.5	
bedrock	bedrock	451 bedrock		5.5	
clay	low	aquitard	bedrock	6.1	6.1
bedrock	bedrock	451 bedrock		1.2	6.1
bedrock	bedrock	451 bedrock		2.5	6.1
clay	low	aquitard	624-625-627-1	6.1	4.6
sand/gravel	permeable		624 624-625-627-1	12.2	4.6
till	low	aquitard	bedrock	25.3	9.1
bedrock	bedrock	589 bedrock		8.2	9.1
bedrock	bedrock	bedrock aquifer		2.7	18.3
bedrock	bedrock	bedrock aquifer		1.8	18.3
clay	low	aquitard	bedrock	7.3	
CLAY/gravel	low	aquitard	bedrock	2.5	
silt/clay	low	aquitard	bedrock	7.9	
clay	low	aquitard	bedrock	6.1	
bedrock	bedrock	933 bedrock		5.5	
bedrock	bedrock	933 bedrock		3	
bedrock	bedrock	933 bedrock		3.1	
bedrock	bedrock	933 bedrock		3.6	
bedrock	bedrock	933 bedrock		1.5	
bedrock	bedrock	933 bedrock		0.3	
bedrock	bedrock	933 bedrock		1.9	
bedrock	bedrock	933 bedrock		19.2	
bedrock	bedrock	933 bedrock		3.9	
clay	low	aquitard	bedrock	53.6	30.5
bedrock	bedrock	593 bedrock		53.1	30.5
till	low	aquitard	bedrock	26.2	2.1
bedrock	bedrock	451 bedrock		7.3	2.1
clay	low	aquitard	aquifer, confir	33.5	4.6
sand/gravel	permeable		626 aquifer, confir	3.1	4.6
clay	low	aquitard	451	15.2	3
bedrock	bedrock	bedrock aquifer		5.2	18.3

sand/gravel	permeable	444	451	3.1	3
clay	low	aquitard	451	6.1	3
till	low	aquitard	bedrock	22.9	30.5
bedrock	bedrock	689	bedrock	71.6	30.5
sand/gravel/cl	ambiguous	ambiguous		19.5	1.2
sand/gravel/cl	ambiguous	ambiguous		39.6	6.1
clay	low	aquitard	bedrock	4.9	30.5
sand/gravel	permeable	permeable, dr	bedrock	0.6	30.5
bedrock	bedrock	451	bedrock	4.6	30.5
bedrock	bedrock	451	bedrock	0.6	30.5
bedrock	bedrock	451	bedrock	3.9	30.5
bedrock	bedrock	451	bedrock	3.1	30.5
bedrock	bedrock	451	bedrock	3.6	30.5
bedrock	bedrock	451	bedrock	10.4	30.5
bedrock	bedrock	451	bedrock	0.6	30.5
bedrock	bedrock	451	bedrock	2.9	30.5
clay	low	aquitard	bedrock	12.2	9.1
bedrock	bedrock	917	bedrock	57.9	9.1
CLAY/sand	ambiguous	ambiguous	bedrock	3	9.1
bedrock	bedrock	451	bedrock	8.6	9.1
bedrock	bedrock	451	bedrock	0.1	9.1
bedrock	bedrock	bedrock	aquifer	0.9	18.3
bedrock	bedrock	bedrock	aquifer	24.4	18.3
clay	low	aquitard	bedrock	13.7	
bedrock	bedrock	591	bedrock	13.7	
sand/gravel/cl	ambiguous	625	624-625-627-1	15.2	3
sand/gravel	permeable	aquifer (uncor	aquifer, uncor	18.3	24.4
till	low	aquifer (uncor	aquifer, uncor	60.9	24.4
sand/gravel	permeable	permeable, dr	630	15.2	18.3
clay	low	aquitard	630	67.1	18.3
sand/gravel	permeable	630	630	19.5	18.3
clay	low	aquitard	bedrock	6.1	27.4
sand/gravel	permeable	permeable, dr	bedrock	0.6	27.4
clay	low	aquitard	bedrock	6.7	27.4
till	low	aquitard	bedrock	1.2	27.4
clay	low	aquitard	bedrock	2.5	27.4
CLAY/gravel	low	aquitard	bedrock	7.3	27.4
clay	low	aquitard	bedrock	5.5	27.4
boulder/grave	permeable	permeable, dr	bedrock	0.9	27.4
sand/gravel	permeable	permeable, dr	bedrock	0.9	27.4
clay	low	aquitard	bedrock	7.9	27.4
bedrock	bedrock	451	bedrock	2.2	27.4



clay	low	aquitard		73.2	
sand/gravel	permeable	permeable, dry		18.2	
clay	low	aquitard		30.5	
bedrock	bedrock	bedrock aquifer		0.6	18.3
sand/gravel	permeable	permeable, dr bedrock		13.7	39.6
bedrock	bedrock	451 bedrock		117.4	39.6
clay	low	aquitard	bedrock	3	38.7
clay	low	aquitard	bedrock	3.1	38.7
CLAY/sand	ambiguous	ambiguous	bedrock	11.6	38.7
clay	low	aquitard	bedrock	0.6	38.7
clay	low	aquitard	bedrock	6.7	38.7
boulder/grave	permeable	permeable, dr bedrock		0.9	38.7
silt/clay	low	aquitard	bedrock	4.6	38.7
bedrock	bedrock	451 bedrock		9.7	38.7
bedrock	bedrock	451 bedrock		1.9	38.7
clay	low	aquitard	bedrock	1.2	12.5
bedrock	bedrock	451 bedrock		13.4	12.5
clay	low	aquitard	bedrock	3	6.1
bedrock	bedrock	451 bedrock		19.9	6.1
bedrock	bedrock	451 bedrock		1.5	6.1
bedrock	bedrock	451 bedrock		6.1	6.1
clay	low	aquitard	bedrock	3	34.1
CLAY/sand	ambiguous	ambiguous	bedrock	6.1	34.1
till	low	aquitard	bedrock	0.7	34.1
bedrock	bedrock	bedrock aquifer		25.9	18.3
till	low	aquitard		20.7	9.1
till	low	aquitard	bedrock	0.9	34.1
clay	low	aquitard	bedrock	5.5	34.1
bedrock	bedrock	451 bedrock		0.9	34.1
bedrock	bedrock	451 bedrock		5.2	34.1
bedrock	bedrock	451 bedrock		5.1	34.1
bedrock	bedrock	451 bedrock		3.1	34.1
bedrock	bedrock	451 bedrock		7.6	34.1
sand/gravel	permeable	permeable, dr	630	9.1	62.5
sand/gravel/cl	ambiguous		630	71.7	62.5
sand/gravel	permeable	permeable, dr	630	21.3	42.7
silt	low	aquitard	630	110.7	42.7
sand/gravel	permeable		630	6.1	42.7
sand/gravel	permeable	permeable, dr	630	21.9	42.7
silt	low	aquitard	630	119.8	42.7
sand/gravel	permeable		630	1.6	42.7
till	low	aquitard		76.2	18.3

sand/gravel	permeable	permeable	aquifer, confir	3	25.8
clay	low	aquitard	aquifer, confir	6.1	25.8
sand/gravel	permeable	permeable	aquifer, confir	3.1	25.8
till	low	aquitard	aquifer, confir	27.4	25.8
sand/gravel	permeable	590	aquifer, confir	3.1	25.8
silt/clay	low	aquitard	bedrock	6.7	33.5
clay	low	aquitard	bedrock	2.1	33.5
bedrock	bedrock	451	bedrock	11	33.5
bedrock	bedrock	451	bedrock	16.2	33.5
till	low	aquitard	bedrock	53.3	
bedrock	bedrock	451	bedrock	68.6	
clay	low	aquitard		4.6	14.6
till	low	aquitard		7.6	14.6
clay	low	aquitard		3.6	14.6
till	low	aquitard		1.1	14.6
clay	low	aquitard	bedrock	25.6	
sand/gravel	permeable	permeable, dr	bedrock	2.4	
clay	low	aquitard	bedrock	7.1	
bedrock	bedrock	451	bedrock	14	
bedrock	bedrock	451	bedrock	4.2	
bedrock	bedrock	451	bedrock	3.1	
bedrock	bedrock	451	bedrock	2.1	
bedrock	bedrock	451	bedrock	8.6	
bedrock	bedrock	451	bedrock	9.1	
clay	low	aquitard	bedrock	21.9	
bedrock	bedrock	451	bedrock	42.1	
clay	low	aquitard	bedrock	42.7	
bedrock	bedrock	bedrock	aquifer	26.8	9.1
bedrock	bedrock	448	bedrock	7.6	
bedrock	bedrock	448	bedrock	47.2	
silt/clay	low	aquitard	626	109.7	30.5
sand/gravel	permeable	626	626	6.1	30.5
clay	low	aquitard	bedrock	3	
sand/gravel	permeable	bedrock	aquif bedrock	4.9	
bedrock	bedrock	bedrock	aquif bedrock	1.2	
sand/gravel	permeable	permeable		7	
sand/gravel	permeable	permeable		1.5	
sand/gravel	permeable	permeable		1.9	
bedrock	bedrock	627	bedrock	82.3	45.7
clay	low	aquitard	bedrock	5.5	2.1
bedrock	bedrock	451	bedrock	9.7	2.1
bedrock	bedrock	451	bedrock	1.3	2.1

bedrock	bedrock	451 bedrock	15.8	2.1
sand/gravel	permeable	bedrock aquif:bedrock	4.6	
sand/gravel	permeable	bedrock aquif:bedrock	16.7	
bedrock	bedrock	bedrock aquif:bedrock	100.6	
CLAY/gravel	low	aquitard bedrock	54.9	30.5
bedrock	bedrock	bedrock aquif:bedrock	21.3	30.5
clay	low	aquitard bedrock	27.4	30.5
bedrock	bedrock	bedrock aquif:bedrock	103.7	30.5
bedrock	bedrock	bedrock aquifer	3.1	9.1
clay	low	aquitard bedrock	3	23.5
CLAY/sand	ambiguous	ambiguous bedrock	11.6	23.5
till	low	aquitard bedrock	3.7	23.5
clay	low	aquitard bedrock	1.5	23.5
till	low	aquitard bedrock	0.6	23.5
clay	low	aquitard bedrock	7.6	23.5
bedrock	bedrock	451 bedrock	1.6	23.5
sand/gravel/cl	ambiguous	ambiguous	2.1	
CLAY/sand	low	aquitard	2.7	
sand/gravel	permeable	permeable	4.9	
clay	low	aquitard	56.4	6.1
clay	low	aquitard	6.1	6.1
clay	low	aquitard	8.2	6.1
clay	low	aquitard bedrock	54.9	12.2
sand/gravel	permeable	permeable, dr bedrock	3	12.2
clay	low	aquitard bedrock	12.2	12.2
bedrock	bedrock	451 bedrock	6.1	12.2
till	low	aquitard bedrock	6.4	31.1
till	low	aquitard bedrock	0.9	31.1
CLAY/sand	ambiguous	ambiguous bedrock	9.5	31.1
clay	low	aquitard bedrock	2.4	31.1
bedrock	bedrock	451 bedrock	1.5	31.1
bedrock	bedrock	451 bedrock	4.6	31.1
bedrock	bedrock	451 bedrock	0.6	31.1
bedrock	bedrock	bedrock aquifer	5.5	9.1
bedrock	bedrock	bedrock aquifer	0.6	9.1
bedrock	bedrock	451 bedrock	5.2	31.1
bedrock	bedrock	451 bedrock	0.9	31.1
bedrock	bedrock	451 bedrock	6.7	31.1
bedrock	bedrock	451 bedrock	0.6	31.1
bedrock	bedrock	451 bedrock	12.8	
bedrock	bedrock	451 bedrock	11	
bedrock	bedrock	451 bedrock	4.2	

bedrock	bedrock	451	bedrock	0.7	
bedrock	bedrock	451	bedrock	3.3	
bedrock	bedrock	451	bedrock	0.6	
bedrock	bedrock	451	bedrock	4	
bedrock	bedrock	451	bedrock	4.2	
bedrock	bedrock	451	bedrock	4.3	
bedrock	bedrock	451	bedrock	7.3	
bedrock	bedrock	451	bedrock	9.1	26.8
bedrock	bedrock	451	bedrock	2.5	26.8
bedrock	bedrock	451	bedrock	9.1	26.8
bedrock	bedrock	451	bedrock	1.9	26.8
bedrock	bedrock	451	bedrock	7.3	26.8
bedrock	bedrock	451	bedrock	0.3	26.8
bedrock	bedrock	bedrock	aquifer	6.7	9.1
sand/gravel	permeable	591	bedrock	1.5	10.7
clay	low	aquitard	bedrock	4	10.7
bedrock	bedrock	591	bedrock	15.8	10.7
till	low	aquitard	451	30.5	
sand/gravel	permeable	444	451	6.1	
sand/gravel	permeable	permeable, dr	630	21.3	42.7
silt	low	aquitard	630	117.4	42.7
sand/gravel/cl	ambiguous	630	630	5.5	42.7
sand/gravel	permeable	630	630	0.6	42.7
CLAY/gravel	low	aquitard	bedrock	57.9	30.5
bedrock	bedrock	bedrock	aquifer	bedrock	3.1
clay	low	aquitard	bedrock	4.6	30.5
silt/clay	low	aquitard	bedrock	4.8	
sand/gravel	permeable	permeable, dr	bedrock	1.3	
sand/gravel/cl	ambiguous	ambiguous	bedrock	6.1	
clay	low	aquitard	bedrock	2.4	
boulder/grave	permeable	permeable, dr	bedrock	2.1	
clay	low	aquitard	bedrock	4	
silt/clay	low	aquitard	bedrock	0.9	
clay	low	aquitard	bedrock	1.2	
bedrock	bedrock	bedrock	aquifer	0.6	9.1
till	low	aquitard	bedrock	12.2	
silt	low	aquitard	bedrock	0.6	
bedrock	bedrock	451	bedrock	0.6	
bedrock	bedrock	451	bedrock	9.5	
clay	low	aquitard	bedrock	2.4	34.1
clay	low	aquitard	bedrock	12.8	34.1
clay	low	aquitard	bedrock	1.6	34.1

clay	low	aquitard	bedrock	7.6	34.1
bedrock	bedrock	451	bedrock	8.5	34.1
bedrock	bedrock	451	bedrock	0.9	34.1
bedrock	bedrock	451	bedrock	1.3	34.1
bedrock	bedrock	451	bedrock	6	34.1
clay	low	aquitard	bedrock	4.6	7.3
till	low	aquitard	bedrock	0.9	7.3
bedrock	bedrock	451	bedrock	3	7.3
bedrock	bedrock	451	bedrock	1.3	7.3
sand/gravel	permeable	permeable, dr	bedrock	9.1	33.5
soil/organic	ambiguous	ambiguous	bedrock	16.5	33.5
boulder/gravel	permeable	permeable, dr	bedrock	0.6	33.5
bedrock	bedrock	451	bedrock	2.5	33.5
bedrock	bedrock	bedrock	aquifer	28	9.1
bedrock	bedrock	451	bedrock	4.8	33.5
bedrock	bedrock	451	bedrock	0.6	33.5
bedrock	bedrock	451	bedrock	5.2	33.5
bedrock	bedrock	451	bedrock	0.3	33.5
clay	low	aquitard	bedrock	5.2	
bedrock	bedrock	bedrock	aquif:bedrock	19.2	
bedrock	bedrock	bedrock	aquif:bedrock	30.5	
CLAY/gravel	low	aquitard	bedrock	15.2	
bedrock	bedrock	bedrock	aquif:bedrock	39.7	
CLAY/gravel	low	aquitard	bedrock	24.7	
till	low	aquitard	bedrock	1.2	
bedrock	bedrock	bedrock	aquif:bedrock	41.2	
silt/clay	low	aquitard	bedrock	9.1	57.9
bedrock	bedrock	593	bedrock	0.7	57.9
bedrock	bedrock	593	bedrock	10.9	57.9
bedrock	bedrock	593	bedrock	1.2	57.9
bedrock	bedrock	593	bedrock	6.1	57.9
bedrock	bedrock	593	bedrock	1.9	57.9
bedrock	bedrock	593	bedrock	3	57.9
bedrock	bedrock	593	bedrock	3.1	57.9
bedrock	bedrock	593	bedrock	20.4	57.9
bedrock	bedrock	593	bedrock	4.6	57.9
bedrock	bedrock	593	bedrock	6.1	57.9
bedrock	bedrock	593	bedrock	0.9	57.9
clay	low	aquitard	bedrock	11	27.4
sand/gravel	permeable	permeable, dr	bedrock	0.3	27.4
clay	low	aquitard	bedrock	0.9	27.4
CLAY/sand	ambiguous	ambiguous	bedrock	5.2	27.4

silt/clay	low	aquitard	bedrock	7	27.4
clay	low	aquitard	bedrock	6.1	27.4
till	low	aquitard	bedrock	4.6	27.4
bedrock	bedrock	933	bedrock	1.2	27.4
bedrock	bedrock	933	bedrock	0.6	27.4
bedrock	bedrock	933	bedrock	7.6	27.4
sand/gravel	permeable	aquifer (uncor	aquifer, uncor	11.6	
sand/gravel/cl	ambiguous	aquifer (uncor	aquifer, uncor	110.3	
till	low	aquitard	aquifer, uncor	134.1	
till	low	aquitard	aquifer, uncor	76.2	
bedrock	bedrock	bedrock aquif	aquifer, uncor	29	
clay	low	aquitard	bedrock	14.6	36.6
bedrock	bedrock	451	bedrock	27.2	36.6
bedrock	bedrock	451	bedrock	5.1	36.6
bedrock	bedrock	451	bedrock	2.8	36.6
bedrock	bedrock	451	bedrock	11.3	
bedrock	bedrock	451	bedrock	7.3	
bedrock	bedrock	451	bedrock	0.3	
bedrock	bedrock	451	bedrock	2.4	
bedrock	bedrock	451	bedrock	1.6	
bedrock	bedrock	451	bedrock	1.5	
bedrock	bedrock	451	bedrock	15.2	
clay	low	aquitard	bedrock	8.5	
bedrock	bedrock	634	bedrock	1.3	
bedrock	bedrock	634	bedrock	7.3	
bedrock	bedrock	634	bedrock	13.7	
bedrock	bedrock	634	bedrock	0.6	
bedrock	bedrock	634	bedrock	8.8	
bedrock	bedrock	634	bedrock	5.5	
bedrock	bedrock	634	bedrock	0.6	
bedrock	bedrock	634	bedrock	5.5	
clay	low	aquitard	bedrock	0.9	
bedrock	bedrock	451	bedrock	22.3	
bedrock	bedrock	451	bedrock	11.9	
clay	low	451	bedrock	4.5	
clay	low	aquitard	bedrock	62.5	
sand/gravel	permeable	permeable, dr	bedrock	6.1	
clay	low	aquitard	bedrock	0.9	
bedrock	bedrock	451	bedrock	23.5	
bedrock	bedrock	451	bedrock	1.5	
clay	low	aquitard	bedrock	11.6	22.9
bedrock	bedrock	451	bedrock	5.5	22.9

bedrock	bedrock	451	bedrock	21	22.9
bedrock	bedrock	451	bedrock	10.4	22.9
bedrock	bedrock	451	bedrock	0.3	22.9
sand/gravel	permeable	aquifer (uncor	aquifer, uncor	6.1	6.1
sand/gravel	permeable	aquifer (uncor	aquifer, uncor	6.1	6.1
clay	low	aquitard	bedrock	11	35.4
CLAY/sand	ambiguous	ambiguous	bedrock	18.3	35.4
till	low	aquitard	bedrock	0.9	35.4
till	low	aquitard	bedrock	0.6	35.4
bedrock	bedrock	451	bedrock	3.3	35.4
bedrock	bedrock	451	bedrock	4.3	35.4
CLAY/gravel	low	aquitard		12.2	10.7
sand/gravel	permeable	permeable		4	10.7
clay	low	aquitard	bedrock	1.2	9.8
bedrock	bedrock	451	bedrock	14	9.8
bedrock	bedrock	451	bedrock	3	11
bedrock	bedrock	451	bedrock	6.1	11
bedrock	bedrock	451	bedrock	6.1	11
CLAY/sand	low	aquitard	bedrock	3	
clay	low	aquitard	bedrock	6.1	
bedrock	bedrock	932	bedrock	9.2	
bedrock	bedrock	932	bedrock	3.1	
clay	low	aquitard	bedrock	4.9	6.1
bedrock	bedrock	451	bedrock	2.4	6.1
bedrock	bedrock	451	bedrock	2.1	6.1
clay	low	aquitard		12.8	
sand/gravel	permeable	permeable, dry		0.3	
CLAY/gravel	low	aquitard		10.1	
clay	low	aquitard		10.9	
SAND/clay	ambiguous	ambiguous		11.6	
silt	low	aquitard		2.2	
clay	low	aquitard	bedrock	2.7	
sand/gravel	permeable	permeable, dr	bedrock	1.6	
clay	low	aquitard	bedrock	19.8	
clay	low	aquitard	bedrock	1.5	
bedrock	bedrock	451	bedrock	8.2	
bedrock	bedrock	451	bedrock	6.1	
bedrock	bedrock	932	bedrock	12.2	
bedrock	bedrock	932	bedrock	12.2	
clay	low	932	bedrock	1.5	
bedrock	bedrock	932	bedrock	16.8	
clay	low	aquitard	bedrock	1.5	

bedrock	bedrock	932	bedrock	3.1	
bedrock	bedrock	932	bedrock	1.5	
sand/gravel	permeable	635	635	10.7	53
GRAVEL/silt	ambiguous	635	635	3	53
silt	low	aquitard	635	91.5	53
sand/gravel	permeable	635	635	12.1	53
GRAVEL/silt	ambiguous	635	635	1.6	53
till	low	aquitard	635	1.8	53
till	low	aquitard	bedrock	3.7	13.1
CLAY/sand	ambiguous	ambiguous	bedrock	3.3	13.1
clay	low	aquitard	bedrock	4.3	13.1
bedrock	bedrock	451	bedrock	4.9	13.1
bedrock	bedrock	451	bedrock	3	13.1
soil/organic	ambiguous	ambiguous	635	0.9	
sand/gravel	permeable	635	635	2.1	
sand/gravel/cl	permeable	635	635	2.5	
sand/gravel	permeable	635	635	9.4	
GRAVEL/silt	ambiguous	ambiguous	635	6.1	
sand/gravel	permeable	635	635	6.4	
GRAVEL/silt	ambiguous	ambiguous	635	6.7	
sand/gravel	permeable	635	635	2.5	
sand/gravel	permeable	635	635	10.6	
unknown/over	ambiguous	ambiguous	635	4.3	6.7
silt	low	aquitard	635	1.2	6.7
till	low	aquitard	635	0.6	6.7
till	low	aquitard	635	4.6	6.7
GRAVEL/silt	ambiguous	ambiguous	635	1.2	6.7
till	low	aquitard	635	6.4	6.7
sand/gravel	permeable	635	635	9.1	6.7
sand/gravel/cl	ambiguous	635	635	1.6	6.7
sand/gravel	permeable	635	635	6.1	6.7
sand/gravel	permeable	aquifer (uncor	aquifer, uncor	3	
sand/gravel/cl	ambiguous	aquifer (uncor	aquifer, uncor	2.2	
bedrock	bedrock	bedrock	aquif aquifer, uncor	3.9	
sand/gravel	permeable	635	635	3.7	7.6
sand/gravel	permeable	635	635	4.2	7.6
sand/gravel	permeable	635	635	3.4	7.6
sand/gravel	permeable	635	635	1.5	7.6
sand/gravel	permeable	635	635	33.2	7.6
sand/gravel	permeable	635	635	4.3	7.6
sand/gravel	permeable	635	635	4	7.6
sand/gravel	permeable	635	635	4.5	7.6



till	low	aquitard	635	635	3.1	7.6
sand/gravel	permeable		635	635	1.7	7.6
bedrock	bedrock	bedrock aquif	635	635	0.3	7.6
sand/gravel	permeable		635	635	3	
boulder/grave	permeable		635	635	0.7	
GRAVEL/silt	ambiguous		635	635	2.1	
sand/gravel	permeable		635	635	15.5	
till	low	aquitard	635	635	3.1	
sand/gravel	permeable		635	635	11.6	
sand/gravel/cl	ambiguous		635	635	4.2	
GRAVEL/silt	ambiguous		635	635	1.9	
sand/gravel	permeable		635	635	10	
sand/gravel	permeable		635	635	8.3	
sand/gravel	permeable		635	635	0.6	
sand/gravel	permeable		635	635	3	
boulder/grave	permeable		635	635	0.7	
GRAVEL/silt	ambiguous		635	635	2.1	
sand/gravel	permeable		635	635	15.5	
till	low	aquitard	635	635	3.1	
sand/gravel	permeable		635	635	11.6	
sand/gravel/cl	ambiguous		635	635	4.2	
GRAVEL/silt	ambiguous		635	635	1.9	
sand/gravel	permeable		635	635	10	
sand/gravel	permeable		635	635	8.3	
sand/gravel	permeable		635	635	0.6	
sand/gravel	permeable		635	635	3	
till	low	aquitard	635	635	0.3	
sand/gravel	permeable		635	635	7	
sand/gravel	permeable		635	635	8.8	
sand/gravel	permeable		635	635	5.5	
clay	low	aquitard		bedrock	4.6	22.6
bedrock	bedrock		451	bedrock	12.2	22.6
bedrock	bedrock		451	bedrock	4.5	22.6
bedrock	bedrock		451	bedrock	3.7	22.6
clay	low	aquitard			20.7	
sand/gravel	permeable		635	635	4.3	
sand/gravel	permeable		635	635	21.6	
bedrock	bedrock	bedrock aquif	635	635	4.6	
clay	low	aquitard		bedrock	9.8	
bedrock	bedrock		451	bedrock	2.4	
boulder/grave	permeable		635	635	5.5	
sand/gravel	permeable		635	635	5.2	

sand/gravel	permeable		635	635	13.4	
sand/gravel	permeable		635	635	3.3	
boulder/gravel	permeable		635	635	14.7	
sand/gravel	permeable		635	635	5.5	6.1
sand/gravel	permeable		635	635	5.2	6.1
clay	low	aquitard			0.3	1.2
clay	low	aquitard			86.9	
soil/organic	ambiguous	ambiguous			1.2	
clay	low	aquitard			3.7	
clay	low	aquitard			1.5	
clay	low	aquitard			10.7	3
clay	low	aquitard			10.4	3
clay	low	aquitard			12.2	6.1
clay	low	aquitard			54.9	
till	low	aquitard			20.7	
clay	low	aquitard			6.1	
soil/organic	ambiguous	ambiguous			0.3	
CLAY/sand	low	aquitard			1.8	
silt/clay	low	aquitard			121.9	
clay	low	aquitard			30.5	
clay	low	aquitard			2.4	
clay	low	aquitard			76.2	
till	low	aquitard			14.9	
clay	low	aquitard			7.6	23.2
clay	low	aquitard			1.5	23.2
SAND/clay	ambiguous	ambiguous			1.5	
till	low	aquitard			7.9	
bedrock	bedrock		451	bedrock	0.9	48.8
clay	low	aquitard			27.4	
clay	low	aquitard			18.3	
clay	low	aquitard		bedrock	25.9	
clay	low	aquitard			6.7	
CLAY/sand	ambiguous	ambiguous			3.7	12.8
clay	low	aquitard			6.7	12.8
till	low	aquitard			3.7	9.1
till	low	aquitard			1.5	
soil/organic	low	ambiguous			0.6	
till	low	aquitard			53.3	
clay	low	aquitard			12.2	25.6
clay	low	aquitard			1.5	39.6
clay	low	aquitard			3.9	26.2
bedrock	bedrock	bedrock aquifer			10.4	26.2

sand/gravel	permeable	permeable		1.6	
clay	low	aquitard		1.2	
clay	low	aquitard		33.5	
CLAY/gravel	low	aquitard		3.7	
sand/gravel	permeable	permeable		6.1	
tbd	ambiguous	ambiguous		15.2	45.7
bedrock	bedrock	bedrock aquifer		27.5	
bedrock	bedrock	451 bedrock		4.3	22.6
clay	low	aquitard		3	4.6
clay	low	aquitard	bedrock	11	
sand/gravel	permeable	permeable, dry		39	
sand/gravel/cl	ambiguous	ambiguous		0.6	
clay	low	aquitard	bedrock	4.9	28.7
till	low	aquitard		50.3	
clay	low	aquitard		4.6	
GRAVEL/silt	ambiguous	ambiguous		0.9	
clay	low	aquitard	bedrock	1.8	21.9
clay	low	aquitard	451	4.9	
silt	low	aquitard		0.9	
sand/gravel	permeable	permeable		5.8	
clay	low	aquitard		12.2	
clay	low	aquitard	bedrock	0.9	
sand/gravel	permeable	permeable		1.8	
till	low	aquitard		43.6	
sand/gravel	permeable	permeable		5.5	
till	low	aquitard		18.9	
till	low	aquitard	bedrock	9.1	7.6
CLAY/sand	low	aquitard		0.6	
till	low	aquitard		1.8	4.3
boulder/grave	permeable	permeable, dry		1.2	4.3
clay	low	aquitard		2.4	
clay	low	aquitard		27.4	
till	low	aquitard		24.4	
CLAY/gravel	low	aquitard		18.3	
clay	low	aquitard		22.9	
CLAY/sand	low	aquitard		1.5	
clay	low	aquitard		8.8	
clay	low	aquitard		17.7	
bedrock	bedrock	bedrock aquifer		6.7	
CLAY/sand	ambiguous	ambiguous		20.7	
till	low	aquitard		39.6	
sand/gravel	permeable	permeable		2.7	

silt/clay	low	aquitard		2.8	
clay	low	aquitard		11	14
clay	low	aquitard		42.1	
clay	low	aquitard		36.6	
till	low	aquitard		15.2	
clay	low	aquitard		29	
clay	low	aquitard		7.6	
bedrock	bedrock	bedrock aquifer		0.6	
clay	low	aquitard		18	
CLAY/sand	ambiguous	ambiguous		2.1	
clay	low	aquitard		27.4	100
bedrock	bedrock	bedrock aquifer		26.5	100
CLAY/gravel	low	aquitard		1.2	
CLAY/gravel	low	aquitard		118.9	125
soil/organic	ambiguous	ambiguous		1.5	
clay	low	aquitard		6.1	45.9
sand/gravel	permeable	permeable		1.2	
bedrock	bedrock		451	8.3	79.6
silt	low	aquitard		16.7	30.5
bedrock	bedrock		634	17.1	
clay	low	aquitard		5.5	7
clay	low	aquitard		9.1	
silt	low	aquitard		5.8	
clay	low	aquitard		1.8	
bedrock	bedrock		765	12.2	
till	low	aquitard		1.8	
till	low	aquitard		3	
CLAY/sand	low	aquitard		1.8	
clay	low	aquitard		3.1	
clay	low	aquitard		9.1	29.9
CLAY/gravel	low	aquitard		3.1	29.9
till	low	aquitard		3	
bedrock	bedrock	bedrock aquifer		16.8	
bedrock	bedrock	bedrock aquifer		18.3	
soil/organic	ambiguous	ambiguous		0.6	
till	low	aquitard		24.4	
CLAY/gravel	low	aquitard		9.1	
tbd				22.9	
bedrock	bedrock	bedrock aquifer		9.1	
clay	low	aquitard		7.6	
bedrock	bedrock	bedrock aquifer		0.6	
CLAY/sand	ambiguous	ambiguous		2.4	

sand/gravel	permeable	permeable	3	
bedrock	bedrock	bedrock aquifer	9.2	
tbd	ambiguous	ambiguous	160.9	36.3
bedrock	bedrock	bedrock aquifer	15.2	
bedrock	bedrock	bedrock aquifer	2.2	33.8
till	low	aquitard	2.1	
sand/gravel	permeable	permeable	5.5	1.4
soil/organic	ambiguous	ambiguous	1.2	
sand/gravel	permeable	permeable	1.8	
till	low	aquitard	22.6	
tbd			108.4	
clay	low	aquitard	2.7	9.8
sand/gravel	permeable	permeable	2.7	
till	low	aquitard	8	
clay	low	aquitard	18.3	
sand/gravel	permeable	687 687-442	6.1	21.3
silt/clay	low	aquitard	0.9	
sand/gravel/cl	ambiguous	ambiguous	7.3	
till	low	aquitard	11	25.3
bedrock	bedrock	bedrock aquifer	16.4	25.3
till	low	aquitard	3.4	
clay	low	aquitard	4.3	
clay	low	aquitard	24.4	42.7
silt	low	aquitard	9.1	42.7
silt/clay	low	aquitard	60.4	
till	low	aquitard	1.8	
clay	low	aquitard	2.7	
till	low	aquitard	1.9	6.7
bedrock	bedrock	bedrock aquifer	1.2	6.7
bedrock	bedrock	451	2.5	
CLAY/gravel	low	aquitard	1.9	
sand/gravel	permeable	permeable	2.4	
sand/gravel	permeable	permeable	2.4	
clay	low	aquitard	2.7	44.2
clay	low	aquitard	18.3	
clay	low	aquitard	4.3	
sand/gravel	permeable	permeable	0.6	
till	low	aquitard	20.7	
till	low	aquitard	24.4	
clay	low	aquitard	9.8	
sand/gravel	permeable	permeable	0.3	
clay	low	aquitard	1.2	

sand/gravel	permeable	permeable			1.5	
clay	low	aquitard			4.3	
bedrock	bedrock	bedrock aquifer			50	
till	low	aquitard			6.7	
till	low	aquitard			95.4	
bedrock	bedrock	bedrock aquifer			4.3	
bedrock	bedrock	bedrock aquifer			41.4	
till	low	aquitard			3	
sand/gravel	permeable	permeable			1.6	
clay	low	aquitard			5.5	16.9
GRAVEL/clay	ambiguous	ambiguous			1.8	
CLAY/gravel	low	aquitard			9.1	
till	low	aquitard			40.5	
sand/gravel	permeable	permeable			4.6	
till	low	aquitard			11.6	30.3
sand/gravel	permeable		635	635	13.4	6.1
sand/gravel	permeable		635	635	3	6.1
sand/gravel	permeable		635	635	20.1	6.1
till	low	aquitard		635	4.6	6.1
bedrock	bedrock	bedrock aquif		635	3.1	6.1
clay	low	aquitard		bedrock	4.6	
bedrock	bedrock		932	bedrock	4.5	
bedrock	bedrock		932	bedrock	10.7	
clay	low	aquitard		bedrock	4.6	
bedrock	bedrock		932	bedrock	24.4	
bedrock	bedrock		932	bedrock	3.6	
bedrock	bedrock		932	bedrock	10.1	
soil/organic	low	aquitard		bedrock	0.3	7.6
clay	low	aquitard		bedrock	0.9	7.6
clay	low	aquitard			17.1	
bedrock	bedrock		591	bedrock	1.2	7.6
boulder/grave	permeable		635	635	5.5	
sand/gravel	permeable		635	635	5.2	
sand/gravel	permeable		635	635	13.4	
sand/gravel	permeable		635	635	3.3	
boulder/grave	permeable		635	635	6.1	
sand/gravel	permeable		635	635	12.2	
sand/gravel	permeable		635	635	1.8	
till	low	aquitard		635	4.3	
bedrock	bedrock	bedrock aquif		635	3.1	
clay	low	aquitard		bedrock	1.5	53
boulder/grave	permeable	permeable, dr		bedrock	1.5	53

clay	low	aquitard	bedrock	9.2	53
bedrock	bedrock	451	bedrock	18.3	53
bedrock	bedrock	451	bedrock	24.4	53
bedrock	bedrock	451	bedrock	9.1	53
sand/gravel	permeable	permeable	640	27.4	23.5
till	low	aquitard	640	2.2	23.5
sand/gravel	permeable	640	640	3	23.5
sand/gravel	permeable	640	640	7.3	23.5
clay	low	aquitard	640	1.3	23.5
clay	low	aquitard		1.8	
sand/gravel	permeable	permeable, dr	910	0.6	55.5
sand/gravel	permeable	permeable, dr	910	26.8	55.5
sand/gravel	permeable	permeable, dr	910	30.5	55.5
GRAVEL/silt	ambiguous	910	910	6.1	55.5
sand/gravel	permeable	910	910	3.1	55.5
sand/gravel	permeable	440	440	18.3	33.5
silt	low	aquitard	440	23.5	33.5
sand/gravel	permeable	440	440	0.9	33.5
CLAY/sand	ambiguous	ambiguous		3.7	6.1
clay	low	aquitard		3	6.1
clay	low	aquitard		1.2	6.1
sand/gravel/cl	ambiguous	ambiguous		1.9	6.1
sand/gravel	permeable	permeable	aquifer, confir	36.6	45.7
sand/gravel	permeable	permeable	aquifer, confir	9.1	45.7
silt	low	aquitard	aquifer, confir	16.8	45.7
sand/gravel	permeable	594	aquifer, confir	12.2	45.7
sand/gravel	permeable	594	aquifer, confir	13.7	45.7
sand/gravel	permeable	594	aquifer, confir	1.5	45.7
sand/gravel	permeable	594	aquifer, confir	1.5	45.7
sand/gravel	permeable	594	aquifer, confir	0.3	45.7
till	low	aquitard	bedrock	4.6	17.1
bedrock	bedrock	634	bedrock	13.7	17.1
bedrock	bedrock	634	bedrock	4	17.1
CLAY/gravel	low	aquitard		6.1	
sand/gravel	permeable	permeable		0.6	
clay	low	aquitard	aquifer, confir	12.2	9.1
sand/gravel	permeable	592	aquifer, confir	4.6	9.1
sand/gravel	permeable	592	aquifer, confir	1.5	9.1
unknown/over	ambiguous	ambiguous	bedrock	5.5	27.4
till	low	aquitard	bedrock	10.3	27.4
sand/gravel	permeable	aquifer (uncor	bedrock	1.9	27.4
silt	low	aquitard	bedrock	0.3	27.4

till	low	aquitard	bedrock	9.4	27.4
bedrock	bedrock	bedrock	aquif bedrock	51.8	27.4
boulder/gravel	permeable	635	635	4.6	6.1
sand/gravel	permeable	635	635	25.6	6.1
sand/gravel	permeable	635	635	2.4	6.1
sand/gravel	permeable	635	635	6.4	6.1
till	low	aquitard	635	0.6	6.1
bedrock	bedrock	bedrock	aquif 635	3.1	6.1
sand/gravel	permeable	635	635	4	6.1
sand/gravel	permeable	635	635	4.8	6.1
sand/gravel	permeable	635	635	1.6	6.1
sand/gravel	permeable	635	635	17.3	6.1
sand/gravel	permeable	635	635	4.3	6.1
till	low	aquitard	635	2.7	6.1
bedrock	bedrock	bedrock	aquifer	3	
sand/gravel	permeable	635	635	11	6.1
till	low	aquitard	635	0.3	6.1
unknown/over	ambiguous	ambiguous	bedrock	5.5	75.3
clay	low	aquitard	bedrock	8.2	75.3
bedrock	bedrock	451	bedrock	0.6	75.3
bedrock	bedrock	451	bedrock	12.2	75.3
bedrock	bedrock	451	bedrock	0.3	75.3
bedrock	bedrock	451	bedrock	4.9	75.3
bedrock	bedrock	451	bedrock	0.9	75.3
bedrock	bedrock	451	bedrock	10.7	75.3
bedrock	bedrock	451	bedrock	2.1	75.3
bedrock	bedrock	451	bedrock	16.5	75.3
bedrock	bedrock	451	bedrock	1.2	75.3
bedrock	bedrock	451	bedrock	4.3	75.3
bedrock	bedrock	451	bedrock	6.1	75.3
bedrock	bedrock	451	bedrock	1.8	75.3
bedrock	bedrock	451	bedrock	5.8	75.3
bedrock	bedrock	451	bedrock	0.3	75.3
bedrock	bedrock	451	bedrock	5.8	75.3
sand/gravel	permeable	451	bedrock	1.8	
sand/gravel	permeable	451	bedrock	4.3	
bedrock	bedrock	bedrock	aquifer	1.9	
bedrock	bedrock	bedrock	aquifer	1.2	
sand/gravel	permeable	451	bedrock	0.6	
sand/gravel	permeable	451	bedrock	10.1	
sand/gravel	permeable	451	bedrock	9.1	
sand/gravel	permeable	451	bedrock	3.1	



bedrock	bedrock	451	bedrock	1.5	
sand/gravel	permeable	440	440	9.1	27.4
sand/gravel	permeable	440	440	18.3	27.4
SAND/clay	ambiguous	440	440	12.2	27.4
bedrock	bedrock	bedrock	aquif	440	51.8
clay	low	aquitard	aquifer, confir	3	6.1
till	low	aquitard	aquifer, confir	28.4	6.1
sand/gravel	permeable	592	aquifer, confir	0.6	6.1
sand/gravel	permeable	440, dry	440	29	39.6
sand/gravel	permeable	440	440	19.8	39.6
sand/gravel	permeable	440	440	1.5	39.6
clay	low	aquitard	aquifer, confir	5.5	20.7
till	low	aquitard	aquifer, confir	0.9	20.7
silt/clay	low	aquitard	aquifer, confir	2.1	20.7
clay	low	aquitard	aquifer, confir	15.9	20.7
till	low	aquitard	aquifer, confir	3.3	20.7
sand/gravel	permeable	aquifer (confir	aquifer, confir	0.2	20.7
CLAY/sand	low	aquitard		3	
CLAY/sand	low	aquitard		8.9	
GRAVEL/silt	ambiguous	ambiguous		0.3	
clay	low	aquitard	bedrock	11.6	21.9
till	low	aquitard	bedrock	2.4	21.9
clay	low	aquitard	bedrock	3.7	21.9
silt/clay	low	aquitard	bedrock	6.1	21.9
bedrock	bedrock	451	bedrock	1.5	21.9
clay	low	aquitard	bedrock	25.6	
till	low	aquitard	bedrock	3.7	
bedrock	bedrock	451	bedrock	5.4	
bedrock	bedrock	451	bedrock	1.9	
bedrock	bedrock	451	bedrock	1.2	
CLAY/sand	ambiguous	ambiguous	bedrock	9.1	33.5
silt	low	aquitard	bedrock	9.2	33.5
SAND/clay	ambiguous	ambiguous	bedrock	36.6	33.5
clay	low	aquitard	bedrock	41.7	33.5
bedrock	bedrock	591	bedrock	0.9	33.5
clay	low	aquitard	624-625-627-1	1.5	6.1
boulder/grave	permeable	624	624-625-627-1	4	6.1
till	low	aquitard	624-625-627-1	3	6.1
bedrock	bedrock	bedrock	aquifer	3	
sand/gravel	permeable	624	624-625-627-1	3.7	6.1
silt	low	aquitard	624-625-627-1	0.9	6.1
clay	low	aquitard	bedrock	7.9	29.3

bedrock	bedrock	451	bedrock	0.6	29.3
bedrock	bedrock	451	bedrock	2.5	29.3
bedrock	bedrock	451	bedrock	0.9	29.3
bedrock	bedrock	451	bedrock	1.8	29.3
bedrock	bedrock	451	bedrock	0.9	29.3
bedrock	bedrock	451	bedrock	2.2	29.3
bedrock	bedrock	451	bedrock	5.8	29.3
bedrock	bedrock	451	bedrock	0.9	29.3
bedrock	bedrock	451	bedrock	3.9	29.3
bedrock	bedrock	451	bedrock	1.6	29.3
bedrock	bedrock	451	bedrock	3.9	29.3
clay	low	aquitard	bedrock	4.6	
bedrock	bedrock	591	bedrock	44.2	
bedrock	bedrock	591	bedrock	25.3	
SAND/clay	ambiguous	ambiguous	bedrock	31.1	24.4
bedrock	bedrock	591	bedrock	2.4	24.4
bedrock	bedrock	591	bedrock	1.6	24.4
bedrock	bedrock	591	bedrock	1.5	24.4
bedrock	bedrock	bedrock	aquifer	9.2	
CLAY/sand	ambiguous	ambiguous	aquifer, confir	30.5	27.4
till	low	aquitard	aquifer, confir	6.1	27.4
sand/gravel	permeable	590	aquifer, confir	4.5	27.4
sand/gravel	permeable	590	aquifer, confir	1.6	27.4
sand/gravel	permeable	permeable		5.5	
sand/gravel	permeable	permeable		11	
sand/gravel	permeable	permeable, dr	910	6.1	47.5
sand/gravel	permeable	910	910	6.1	47.5
silt	low	aquitard	910	13.7	47.5
sand/gravel	permeable	permeable, dr	910	27.4	47.5
GRAVEL/silt	ambiguous	910	910	6.1	47.5
sand/gravel	permeable	910	910	7.7	47.5
clay	low	aquitard	bedrock	0.6	44.8
clay	low	aquitard	bedrock	4	44.8
till	low	aquitard	bedrock	5.2	44.8
bedrock	bedrock	639	bedrock	1.5	44.8
bedrock	bedrock	639	bedrock	12.5	44.8
bedrock	bedrock	639	bedrock	4.2	44.8
bedrock	bedrock	639	bedrock	15.3	44.8
bedrock	bedrock	639	bedrock	11.3	44.8
bedrock	bedrock	639	bedrock	0.3	44.8
bedrock	bedrock	639	bedrock	6.1	44.8
bedrock	bedrock	bedrock	aquifer	18.3	

bedrock	bedrock	bedrock aquifer		7.6	
CLAY/sand	low	aquitard	bedrock	11	8.5
till	ambiguous	ambiguous	bedrock	0.6	8.5
CLAY/sand	low	aquitard	bedrock	8.2	8.5
bedrock	bedrock	639	bedrock	10.1	8.5
till	low	aquitard	bedrock	0.6	30.5
clay	low	aquitard	bedrock	2.1	30.5
CLAY/sand	ambiguous	ambiguous	bedrock	5.2	30.5
bedrock	bedrock	451	bedrock	12.5	30.5
bedrock	bedrock	451	bedrock	2.5	30.5
bedrock	bedrock	451	bedrock	7	30.5
bedrock	bedrock	451	bedrock	0.6	30.5
bedrock	bedrock	451	bedrock	1.2	30.5
bedrock	bedrock	451	bedrock	0.6	30.5
bedrock	bedrock	451	bedrock	3.7	30.5
bedrock	bedrock	451	bedrock	1.5	30.5
bedrock	bedrock	451	bedrock	10	30.5
soil/organic	ambiguous	ambiguous	bedrock	0.6	
clay	low	aquitard	bedrock	4.9	
bedrock	bedrock	451	bedrock	20.4	
bedrock	bedrock	451	bedrock	2.8	
bedrock	bedrock	451	bedrock	7	
bedrock	bedrock	bedrock aquifer		3.6	
bedrock	bedrock	451	bedrock	0.9	
bedrock	bedrock	451	bedrock	2.4	
bedrock	bedrock	451	bedrock	2.1	
bedrock	bedrock	451	bedrock	1	
bedrock	bedrock	451	bedrock	2.7	
bedrock	bedrock	451	bedrock	9.1	
bedrock	bedrock	451	bedrock	10.4	
bedrock	bedrock	451	bedrock	2.5	
bedrock	bedrock	451	bedrock	3.3	
till	low	aquitard	bedrock	1.5	34.7
bedrock	bedrock	451	bedrock	0.9	34.7
bedrock	bedrock	451	bedrock	1.9	34.7
bedrock	bedrock	451	bedrock	11.2	34.7
bedrock	bedrock	451	bedrock	7.4	34.7
bedrock	bedrock	451	bedrock	12.2	34.7
bedrock	bedrock	451	bedrock	3	34.7
bedrock	bedrock	451	bedrock	0.9	34.7
bedrock	bedrock	451	bedrock	0.3	34.7
bedrock	bedrock	451	bedrock	2.8	34.7

till	low	aquitard	bedrock	2.4	22.6
bedrock	bedrock	451	bedrock	5.8	22.6
bedrock	bedrock	bedrock	aquifer	1	
bedrock	bedrock	451	bedrock	6.4	22.6
bedrock	bedrock	451	bedrock	1.5	22.6
bedrock	bedrock	451	bedrock	2.2	22.6
bedrock	bedrock	451	bedrock	1.8	22.6
bedrock	bedrock	451	bedrock	0.6	22.6
bedrock	bedrock	451	bedrock	1.8	22.6
bedrock	bedrock	451	bedrock	0.6	22.6
till	low	aquitard	687-442	2.1	15.8
GRAVEL/silt	ambiguous	ambiguous	687-442	13.7	15.8
till	low	aquitard	687-442	4.3	15.8
sand/gravel	permeable	444	687-442	3.7	15.8
sand/gravel	permeable	aquifer (uncor	aquifer, uncor	10.7	8.5
sand/gravel	permeable	aquifer (uncor	aquifer, uncor	1.2	8.5
CLAY/sand	low	aquitard	bedrock	2.4	
clay	low	aquitard	bedrock	5.2	
bedrock	bedrock	451	bedrock	0.6	
clay	low	451	bedrock	3.1	
deepened			bedrock	109.7	
silt/clay	low	aquitard	bedrock	12.2	24.4
bedrock	bedrock	591	bedrock	67	24.4
clay	low	aquitard	bedrock	2.4	22.9
bedrock	bedrock	bedrock	aquifer	3.1	
CLAY/sand	low	aquitard	bedrock	1.3	22.9
bedrock	bedrock	639	bedrock	2.1	22.9
bedrock	bedrock	639	bedrock	5.8	22.9
bedrock	bedrock	639	bedrock	4.6	22.9
bedrock	bedrock	639	bedrock	3	22.9
bedrock	bedrock	639	bedrock	4.3	22.9
bedrock	bedrock	639	bedrock	0.3	22.9
bedrock	bedrock	639	bedrock	6.1	22.9
bedrock	bedrock	639	bedrock	0.6	22.9
bedrock	bedrock	639	bedrock	1.2	22.9
sand/gravel	permeable	permeable, dr	bedrock	0.3	26.5
clay	low	aquitard	bedrock	0.6	26.5
CLAY/sand	ambiguous	ambiguous	bedrock	1.5	26.5
bedrock	bedrock	451	bedrock	7.7	26.5
bedrock	bedrock	451	bedrock	7	26.5
bedrock	bedrock	451	bedrock	2.1	26.5
bedrock	bedrock	451	bedrock	4.3	26.5

bedrock	bedrock	451	bedrock	0.9	26.5
bedrock	bedrock	451	bedrock	2.1	26.5
bedrock	bedrock	451	bedrock	5.8	26.5
yield/groundwater			bedrock	1.5	
silt	low	aquitard		2.7	
bedrock	bedrock	451	bedrock	3.4	26.5
clay	low	aquitard		12.5	44.2
till	low	aquitard		7.3	44.2
sand/gravel	permeable	permeable, dry		5.5	44.2
CLAY/gravel	low	aquitard		1.2	44.2
sand/gravel	permeable	permeable, dry		1.8	44.2
clay	low	aquitard		15.6	44.2
CLAY/sand	ambiguous	ambiguous		5.5	44.2
tbd	ambiguous	ambiguous		0.9	44.2
clay	low	aquitard	bedrock	6.7	
bedrock	bedrock	451	bedrock	23.8	
bedrock	bedrock	451	bedrock	9.1	
bedrock	bedrock	451	bedrock	3.7	
bedrock	bedrock	451	bedrock	2.4	
bedrock	bedrock	451	bedrock	1.8	
bedrock	bedrock	451	bedrock	4.6	
bedrock	bedrock	451	bedrock	5.8	
bedrock	bedrock	451	bedrock	3.4	
bedrock	bedrock	451	bedrock	2.7	
bedrock	bedrock	451	bedrock	7.9	
circulation zone			bedrock	51.2	
bedrock	bedrock	bedrock aquifer		9.4	
sand/gravel	permeable	630	630	6.1	12.2
silt	low	aquitard	630	12.2	12.2
clay	low	aquitard	630	16.8	12.2
sand/gravel	permeable	630	630	0.9	12.2
bedrock	bedrock	932	bedrock	30.5	
till	low	aquitard	bedrock	0.6	
bedrock	bedrock	932	bedrock	2.7	
CLAY/sand	ambiguous	ambiguous	bedrock	6.1	
clay	low	aquitard	bedrock	4.6	
CLAY/sand	ambiguous	ambiguous	bedrock	2.4	
bedrock	bedrock	451	bedrock	3.1	
silt	low	aquitard	687-442	4.9	
sand/gravel	permeable	687	687-442	3.9	
clay	low	aquitard		5.5	39.6
clay	low	aquitard		10.3	39.6

CLAY/sand	ambiguous	ambiguous		2.5	39.6
clay	low	aquitard		27.4	39.6
sand/gravel/cl	ambiguous	ambiguous		11.6	39.6
sand/gravel/cl	ambiguous	ambiguous		0.6	39.6
sand/gravel	permeable		440 bedrock	4.6	36.6
sand/gravel	permeable		440 bedrock	18.3	36.6
bedrock	bedrock		441 bedrock	50.3	36.6
sand/gravel	permeable	permeable		6.1	
GRAVEL/silt	permeable	permeable		6.1	
sand/gravel	permeable	permeable		6.1	
sand/gravel	permeable		440 440	3	32
GRAVEL/silt	ambiguous		440 440	15.3	32
sand/gravel	permeable		440 440	12.2	32
sand/gravel	permeable		440 440	6.1	32
sand/gravel	permeable		440 440	4.5	32
CLAY/sand	low	aquitard	bedrock	57.9	54.9
SAND/clay	ambiguous	aquitard	bedrock	33.5	54.9
clay	low	aquitard	bedrock	10.7	54.9
bedrock	bedrock	bedrock	aquif bedrock	7.6	54.9
till	low	aquitard	bedrock	7.6	11.6
CLAY/sand	low	aquitard	bedrock	1.5	11.6
CLAY/sand	low	aquitard	bedrock	3.7	11.6
bedrock	bedrock		639 bedrock	2.1	11.6
bedrock	bedrock		639 bedrock	2.2	11.6
bedrock	bedrock		639 bedrock	0.6	11.6
clay	low	aquitard	bedrock	3	
clay	low	aquitard	bedrock	8.6	
clay	low	aquitard	bedrock	1.2	
till	low	aquitard	bedrock	1.8	
till	low	aquitard	bedrock	8.6	
sand/gravel	permeable	permeable	bedrock	4.8	
sand/gravel	permeable	permeable	bedrock	1	
bedrock	bedrock		639 bedrock	4.2	
bedrock	bedrock		639 bedrock	0.6	
clay	low	aquitard	bedrock	5.8	
till	low	aquitard	bedrock	1.8	
till	low	aquitard	bedrock	7.6	
till	low	aquitard	bedrock	1.9	
till	low	aquitard	bedrock	1.2	
bedrock	bedrock		639 bedrock	0.9	
bedrock	bedrock		639 bedrock	4.6	
GRAVEL/silt	permeable	permeable	bedrock	7.3	

CLAY/sand	ambiguous	ambiguous	bedrock		25.3	
SAND/clay	ambiguous	ambiguous	bedrock		1.8	
CLAY/gravel	low	aquitard	bedrock		1.9	
till	low	aquitard	bedrock		7.9	
bedrock	bedrock		593 bedrock		0.9	
till	low	aquitard	bedrock		4.6	
bedrock	bedrock		591 bedrock		19.8	
bedrock	bedrock		451 bedrock		18	
bedrock	bedrock		634 bedrock		15	
CLAY/sand	ambiguous	ambiguous	bedrock		1.8	
clay	low	aquitard	bedrock		5.8	
till	low	aquitard	bedrock		3.4	
bedrock	bedrock		451 bedrock		15.2	
SAND/clay	ambiguous	ambiguous	bedrock		7.6	
clay	low	aquitard	bedrock		0.9	
clay	low	aquitard	bedrock		2.2	
clay	low	aquitard	bedrock		4.8	
bedrock	bedrock		451 bedrock		1.9	
bedrock	bedrock		451 bedrock		1.5	
bedrock	bedrock		451 bedrock		0.3	
bedrock	bedrock		451 bedrock		9.1	
bedrock	bedrock		451 bedrock		1.6	
bedrock	bedrock		451 bedrock		3.6	
bedrock	bedrock		451 bedrock		22	
bedrock	bedrock		639 bedrock		57.9	
bedrock	bedrock		451 bedrock		35.6	
CLAY/gravel	low	aquitard	bedrock		0.6	
bedrock	bedrock		451 bedrock		1.5	
bedrock	bedrock		451 bedrock		6.4	
bedrock	bedrock		451 bedrock		16.8	
bedrock	bedrock		451 bedrock		0.3	
bedrock	bedrock		451 bedrock		25.9	
bedrock	bedrock		451 bedrock		60.1	
clay	low	aquitard			1.2	
sand/gravel	permeable	permeable, dr	630		24.4	
GRAVEL/silt	ambiguous	permeable, dr	630		18.3	
silt	low	aquitard	630		103.6	
sand/gravel	permeable		630	630	3.1	
CLAY/sand	low	aquitard			27.4	12.2
sand/gravel	permeable	permeable			3.1	12.2
bedrock	bedrock		591 bedrock		1.5	
bedrock	bedrock		591 bedrock		6.1	

CLAY/sand	low	aquitard	aquifer, uncor	5.5	
sand/gravel/cl	ambiguous	aquifer (confir	aquifer, uncor	7.6	
CLAY/sand	low	aquitard	aquifer, uncor	9.2	
CLAY/sand	low	aquitard	aquifer, uncor	14.6	
bedrock	bedrock	bedrock aquif	aquifer, uncor	22.5	
bedrock	bedrock	bedrock aquif	aquifer, uncor	9.2	
bedrock	bedrock	bedrock aquif	aquifer, uncor	8.8	
bedrock	bedrock	627 bedrock		19.8	
bedrock	bedrock	933 bedrock		8.2	
bedrock	bedrock	931 bedrock		28.1	
bedrock	bedrock	931 bedrock		11.6	
soil/organic	low	aquitard	687-442	1.8	
CLAY/sand	low	aquitard		11	
bedrock	bedrock	bedrock aquifer		0.9	
till	low	aquitard	687-442	4	
sand/gravel	permeable	687	687-442	6.4	
bedrock	bedrock	933 bedrock		14.6	
till	low	aquitard	aquifer, confir	2.4	
CLAY/sand	ambiguous	ambiguous	aquifer, confir	13.1	
boulder/grave	permeable	592	aquifer, confir	1.6	
GRAVEL/silt	permeable	592	aquifer, confir	3.6	
sand/gravel	permeable	592	aquifer, confir	1.6	
CLAY/sand	low	aquitard	923	18.3	
sand/gravel	permeable	923	923	11.6	
sand/gravel	permeable	923	923	3	
CLAY/gravel	low	aquitard	bedrock	1.8	6.4
clay	low	aquitard	bedrock	6.7	6.4
bedrock	bedrock	622 bedrock		25.6	6.4
CLAY/sand	low	aquitard	bedrock	6.1	
bedrock	bedrock	932 bedrock		12.2	
clay	low	932 bedrock		1.5	
bedrock	bedrock	932 bedrock		13.7	
bedrock	bedrock	932 bedrock		9.2	
till	low	aquitard	bedrock	13.7	
bedrock	bedrock	688 bedrock		36.6	
soil/organic	low	aquitard	aquifer, confir	0.3	35.4
CLAY/sand	ambiguous	ambiguous	aquifer, confir	11.3	35.4
sand/gravel	permeable	687	aquifer, confir	9.7	35.4
clay	low	aquitard	aquifer, confir	5.8	35.4
CLAY/sand	ambiguous	ambiguous	aquifer, confir	1.2	35.4
GRAVEL/silt	permeable	687	aquifer, confir	1.9	35.4
sand/gravel	permeable	687	aquifer, confir	3.3	35.4



sand/gravel	permeable	687	aquifer, confir	3.1	35.4
sand/gravel	permeable	687	aquifer, confir	0.6	35.4
sand/gravel	permeable	687	aquifer, confir	1.5	35.4
bedrock	bedrock	bedrock	aquifer, confir	2.8	35.4
clay	low		aquitard	22.3	26.2
CLAY/sand	ambiguous		ambiguous	0.9	26.2
clay	low		aquitard	0.9	26.2
clay	low		aquitard bedrock	1.8	
clay	low		aquitard bedrock	2.8	
till	low		aquitard bedrock	6.1	
bedrock	bedrock	634	bedrock	6.4	
bedrock	bedrock	634	bedrock	1.8	
bedrock	bedrock	634	bedrock	11.6	
tbd			bedrock	2.2	
sand/gravel/cl	ambiguous		ambiguous	3.1	4.6
clay	low		aquitard	1.2	4.6
sand/gravel/cl	ambiguous		ambiguous	0.3	4.6
till	low		aquitard	1.8	
clay	low		aquitard	0.6	
clay	low		aquitard aquifer, confir	3	
clay	low		aquitard aquifer, confir	11.6	
CLAY/sand	low		aquitard aquifer, confir	3.4	
clay	low		aquitard aquifer, confir	5.8	
clay	low		aquitard aquifer, confir	0.6	
CLAY/sand	low		aquitard aquifer, confir	5.2	
clay	low		aquitard aquifer, confir	10.6	
clay	low		aquitard aquifer, confir	0.6	
CLAY/sand	low		aquitard aquifer, confir	1	
clay	low		aquitard aquifer, confir	2.1	
sand/gravel/cl	ambiguous		aquifer (confir aquifer, confir	0.9	
clay	low		aquitard aquifer, confir	3.4	
clay	low		aquitard bedrock	0.9	2.4
bedrock	bedrock	451	bedrock	9.8	2.4
bedrock	bedrock	451	bedrock	0.3	2.4
bedrock	bedrock	451	bedrock	4.2	2.4
bedrock	bedrock	589	bedrock	99	
soil/organic	low		aquitard bedrock	0.6	
well development			bedrock	140.2	
bedrock	bedrock	591	bedrock	59.4	
bedrock	bedrock		bedrock aquifer	1.8	
sand/gravel	permeable		permeable	27.4	
bedrock	bedrock	591	bedrock	26.9	

bedrock	bedrock	591	bedrock	53.3	
tbd	ambiguous	ambiguous		2.1	
till	low	aquitard		5.5	
till	low	aquitard		1.5	
clay	low	aquitard		3.7	
sand/gravel	permeable	permeable, dry		0.3	
till	low	aquitard	bedrock	0.3	
clay	low	aquitard	bedrock	33.2	
GRAVEL/silt	ambiguous	ambiguous	bedrock	0.3	
clay	low	aquitard	bedrock	7.3	
bedrock	bedrock	451	bedrock	14.7	
yield/groundwater		451	bedrock	0.6	
sand/gravel	permeable	permeable, dr	bedrock	0.3	
CLAY/gravel	low	aquitard	bedrock	0.9	
till	low	aquitard	bedrock	0.6	
till	low	aquitard	bedrock	14.3	
GRAVEL/silt	ambiguous	permeable, dr	bedrock	2.2	
bedrock	bedrock	451	bedrock	11.2	
bedrock	bedrock	451	bedrock	3.4	
bedrock	bedrock	451	bedrock	4.9	
clay	low	aquitard		3.4	11
CLAY/sand	ambiguous	ambiguous		16.1	11
CLAY/gravel	low	aquitard		3.7	11
sand/gravel	permeable	permeable		15.2	
clay	low	aquitard		18.3	
yield/groundwater		592		1	
bedrock	bedrock	bedrock	aquifer	2.7	11
sand/gravel	permeable	440, dry	440	24.4	
GRAVEL/silt	ambiguous	440	440	12.2	
sand/gravel	permeable	440	440	8.5	
bedrock	bedrock	bedrock	aquif bedrock	6.1	
bedrock	bedrock	591	bedrock	9.2	3.9
bedrock	bedrock	621	bedrock	28.9	
bedrock	bedrock	621	bedrock	25.9	
bedrock	bedrock	621	bedrock	33.6	
GRAVEL/silt	ambiguous	624, dry	624-625-627-1	6.1	
GRAVEL/silt	ambiguous	624	624-625-627-1	6.1	
sand/gravel	permeable	624	624-625-627-1	4.9	
silt	low	aquitard	624-625-627-1	0.6	
bedrock	bedrock	689	bedrock	17.1	
sand/gravel/cl	ambiguous	624	624-625-627-1	9.1	
sand/gravel	permeable	624	624-625-627-1	3.1	

bedrock	bedrock	621	bedrock	19.8	
sand/gravel	permeable	permeable	923	6.1	
silt	low	aquitard	923	18.3	
till	low	aquitard	923	10.7	
GRAVEL/silt	ambiguous	ambiguous		3	
sand/gravel	permeable	923	923	3	
clay	low	aquitard	923	4.6	
bedrock	bedrock	688	bedrock	43	
CLAY/sand	low	aquitard	923	12.2	
sand/gravel	permeable	923	923	6.1	
sand/gravel	permeable	923	923	11.6	
sand/gravel	permeable	923	923	6.7	
bedrock	bedrock	688	bedrock	33.8	
clay	low	aquitard		18.3	
CLAY/sand	low	aquitard		4.6	
sand/gravel	permeable	permeable		1.5	
CLAY/sand	ambiguous	ambiguous	bedrock	3	11
till	low	aquitard	bedrock	1.9	11
bedrock	bedrock	451	bedrock	7.7	11
bedrock	bedrock	451	bedrock	0.5	11
bedrock	bedrock	451	bedrock	0.5	11
bedrock	bedrock	451	bedrock	4.2	11
bedrock	bedrock	688	bedrock	64.3	
till	low	aquitard	bedrock	10.1	
bedrock	bedrock	bedrock	aquif bedrock	6.7	
bedrock	bedrock	bedrock	aquif bedrock	0.3	
clay	low	aquitard		9.2	
clay	low	aquitard	bedrock	7	
CLAY/sand	low	aquitard	bedrock	16.8	
CLAY/sand	low	aquitard	bedrock	3	
CLAY/sand	low	aquitard	bedrock	4	
bedrock	bedrock	622	bedrock	3.9	
bedrock	bedrock	622	bedrock	13.5	
CLAY/sand	ambiguous	ambiguous		4.3	5.5
bedrock	bedrock	451		4.8	5.5
bedrock	bedrock	451		1.9	5.5
bedrock	bedrock	451		2.4	5.5
GRAVEL/silt	ambiguous	624	624-625-627-1	6.4	9.1
sand/gravel	permeable	624	624-625-627-1	7.3	9.1
sand/gravel	permeable	624	624-625-627-1	3.4	9.1
till	low	aquitard	bedrock	5.8	11.3
bedrock	bedrock	591	bedrock	103.3	11.3

bedrock	bedrock		591 bedrock	2.8	11.3
bedrock	bedrock		591 bedrock	10.3	11.3
clay	low	aquitard	bedrock	10.4	
bedrock	bedrock		591 bedrock	17	
bedrock	bedrock		591 bedrock	9.2	
bedrock	bedrock		591 bedrock	24.4	
tbd	ambiguous	ambiguous	bedrock	21.9	
bedrock	bedrock		591 bedrock	8.3	
till	low	aquitard	bedrock	5.2	42.7
bedrock	bedrock		591 bedrock	0.9	42.7
bedrock	bedrock		591 bedrock	19.8	42.7
bedrock	bedrock		591 bedrock	96	42.7
CLAY/sand	ambiguous	ambiguous	bedrock	1.8	4
bedrock	bedrock		451 bedrock	7.3	4
bedrock	bedrock		451 bedrock	3.1	4
sand/gravel/cl	ambiguous	ambiguous	bedrock	3	9.1
clay	low	aquitard	bedrock	8.8	9.1
bedrock	bedrock		451 bedrock	0.6	9.1
bedrock	bedrock		451 bedrock	2.8	9.1
clay	low	aquitard	bedrock	3	
bedrock	bedrock		451 bedrock	15.6	
bedrock	bedrock		451 bedrock	0.9	
bedrock	bedrock		451 bedrock	2.8	
bedrock	bedrock		451 bedrock	0.3	
bedrock	bedrock		451 bedrock	4.5	
bedrock	bedrock		451 bedrock	2.4	
bedrock	bedrock		451 bedrock	3.1	
bedrock	bedrock		451 bedrock	1.8	
bedrock	bedrock		451 bedrock	0.6	
clay	low	aquitard	bedrock	1.8	63.1
bedrock	bedrock		451 bedrock	13.4	63.1
bedrock	bedrock		451 bedrock	6.4	63.1
bedrock	bedrock		451 bedrock	19.2	63.1
bedrock	bedrock		451 bedrock	4.6	63.1
bedrock	bedrock		451 bedrock	4.9	63.1
bedrock	bedrock		451 bedrock	19.2	63.1
bedrock	bedrock		451 bedrock	1.8	63.1
bedrock	bedrock		451 bedrock	4	63.1
till	low	aquitard	bedrock	5.5	
bedrock	bedrock		622 bedrock	16.8	
yield/groundwater			bedrock	0.9	
bedrock	bedrock		622 bedrock	5.5	

bedrock	bedrock	622	bedrock	4.8	
yield/groundwater			bedrock	1.9	
yield/groundwater			bedrock	5.4	
bedrock	bedrock	622	bedrock	6.7	
bedrock	bedrock	622	bedrock	1.3	
tbd	ambiguous	ambiguous	bedrock	15.7	10.4
bedrock	bedrock	451	bedrock	2.5	10.4
till	low	aquitard	bedrock	6.7	
bedrock	bedrock	917	bedrock	6.1	
bedrock	bedrock	917	bedrock	32.9	
bedrock	bedrock	917	bedrock	0.3	
sand/gravel	permeable	permeable		10.7	36.6
silt	low	aquitard		47.2	36.6
CLAY/gravel	low	aquitard		1.5	36.6
sand/gravel	permeable	623		1.6	36.6
sand/gravel	permeable	permeable		29.9	
clay	low	aquitard		7.6	
GRAVEL/silt	permeable	permeable		6.1	
sand/gravel	permeable	permeable		3	
SAND/clay	ambiguous	ambiguous	bedrock	1.2	15.2
till	low	aquitard	bedrock	14	15.2
bedrock	bedrock	917	bedrock	45.8	15.2
tbd	ambiguous	ambiguous	bedrock	21.3	
bedrock	bedrock	451	bedrock	4.3	
bedrock	bedrock	451	bedrock	0.9	
bedrock	bedrock	451	bedrock	1.5	
bedrock	bedrock	451	bedrock	1.9	
till	low	aquitard		6.1	
clay	low	aquitard	bedrock	2.7	
bedrock	bedrock	933	bedrock	43	
clay	low	aquitard		6.1	
sand/gravel	permeable	623		9.1	
sand/gravel	permeable	623		1.6	
sand/gravel	permeable	623		3	
clay	low	aquitard	bedrock	9.1	10.7
bedrock	bedrock	688	bedrock	51.9	10.7
sand/gravel	permeable	permeable	bedrock	9.1	
bedrock	bedrock	934	bedrock	1.3	
sand/gravel	permeable	permeable	bedrock	2.1	
till	low	aquitard	bedrock	4.9	
bedrock	bedrock	591	bedrock	74.3	
clay	low	aquitard	bedrock	13.4	

bedrock	bedrock	451	bedrock	12.2	
bedrock	bedrock	451	bedrock	7.9	
bedrock	bedrock	451	bedrock	21.4	
sand/gravel/cl	ambiguous		ambiguous	1.2	
bedrock	bedrock	591	bedrock	12.8	
bedrock	bedrock	591	bedrock	11	
bedrock	bedrock	591	bedrock	12.5	
bedrock	bedrock	591	bedrock	11.6	
bedrock	bedrock	591	bedrock	0.3	
sand/gravel/cl	ambiguous		ambiguous	89.9	22.9
bedrock	bedrock	591	bedrock	10.1	22.9
bedrock	bedrock	591	bedrock	2.7	22.9
sand/gravel/cl	ambiguous		ambiguous	89.9	22.9
bedrock	bedrock	591	bedrock	10.1	22.9
bedrock	bedrock	591	bedrock	2.7	22.9
clay	low		aquitard	12.5	14
bedrock	bedrock	591	bedrock	18	14
bedrock	bedrock	591	bedrock	1	
bedrock	bedrock	591	bedrock	1.2	
unknown/over	ambiguous		ambiguous	1.2	62.2
sand/gravel/cl	ambiguous		ambiguous	30.2	62.2
bedrock	bedrock	451	bedrock	24.4	62.2
bedrock	bedrock	451	bedrock	5.2	62.2
bedrock	bedrock	451	bedrock	22.8	62.2
bedrock	bedrock	451	bedrock	18.3	62.2
CLAY/sand	low		aquitard	1.2	
GRAVEL/silt	ambiguous		ambiguous	4.6	
GRAVEL/silt	ambiguous		ambiguous	0.3	
GRAVEL/silt	ambiguous		ambiguous	2.7	
SAND/clay	ambiguous		ambiguous	19.9	
sand/gravel	permeable		permeable	0.3	
sand/gravel	permeable		permeable	0.3	
clay	low		aquitard	4.9	
bedrock	bedrock		bedrock aquif	3.6	
bedrock	bedrock		bedrock aquif	39.7	
bedrock	bedrock		bedrock aquif	2.8	
bedrock	bedrock		bedrock aquif	0.9	
bedrock	bedrock	451	bedrock	1.5	28.7
bedrock	bedrock	451	bedrock	26.5	28.7
bedrock	bedrock	451	bedrock	4.3	28.7
bedrock	bedrock	451	bedrock	12.2	28.7
clay	low		aquitard	8.2	10.7

CLAY/sand	ambiguous	ambiguous	bedrock		8.6	10.7
bedrock	bedrock	451	bedrock		1.5	10.7
till	low	aquitard			1.2	10.4
clay	low	aquitard			7.6	10.4
clay	low	aquitard			14.4	10.4
sand/gravel	permeable	591	bedrock		2.4	21.3
clay	low	aquitard	bedrock		6.7	21.3
clay	low	aquitard	bedrock		13.8	21.3
bedrock	bedrock	591	bedrock		1.5	21.3
bedrock	bedrock	591	bedrock		30.5	21.3
CLAY/sand	ambiguous	ambiguous	bedrock		1.8	12.2
clay	low	aquitard	bedrock		10.4	12.2
bedrock	bedrock	591	bedrock		67	12.2
sand/gravel	permeable	440	440		2.7	36.6
sand/gravel	permeable	440, dry	440		23.2	36.6
sand/gravel	permeable	440	440		19.8	36.6
sand/gravel	permeable	440	440		3.1	36.6
clay	low	aquitard	bedrock		1.5	18
bedrock	bedrock	451	bedrock		0.9	18
bedrock	bedrock	451	bedrock		2.2	18
bedrock	bedrock	451	bedrock		23.4	18
bedrock	bedrock	451	bedrock		0.7	18
bedrock	bedrock	451	bedrock		1.2	18
till	low	aquitard	bedrock		4	
bedrock	bedrock	451	bedrock		1.8	
bedrock	bedrock	451	bedrock		4	
bedrock	bedrock	451	bedrock		1.5	
bedrock	bedrock	451	bedrock		7	
SAND/clay	ambiguous	ambiguous	bedrock		33.5	52.7
bedrock	bedrock	451	bedrock		7.6	52.7
bedrock	bedrock	451	bedrock		5.5	52.7
bedrock	bedrock	451	bedrock		6.7	52.7
bedrock	bedrock	451	bedrock		1.9	52.7
bedrock	bedrock	451	bedrock		5.2	52.7
bedrock	bedrock	451	bedrock		0.6	52.7
bedrock	bedrock	451	bedrock		6.1	52.7
clay	low	aquitard	aquifer, confir		9.1	15.2
sand/gravel	permeable	permeable	aquifer, confir		3.7	15.2
CLAY/gravel	low	aquitard	aquifer, confir		5.5	15.2
sand/gravel	permeable	623	aquifer, confir		3.6	15.2
till	low	aquitard	bedrock		42.7	85.3
bedrock	bedrock	631	bedrock		12.2	85.3

bedrock	bedrock	631	bedrock	30.4	85.3
bedrock	bedrock	631	bedrock	6.1	85.3
clay	low	aquitard	630	6.1	0.9
silt	low	aquitard	630	102.1	0.9
SAND/clay	ambiguous	630	630	1.5	0.9
SAND/clay	ambiguous	630	630	4.6	0.9
bedrock	bedrock	bedrock aquif	630	12.2	0.9
bedrock	bedrock	bedrock aquif	630	7.6	0.9
till	low	aquitard		1.8	
clay	low	aquitard	bedrock	3	21.9
bedrock	bedrock	593	bedrock	3.1	21.9
bedrock	bedrock	593	bedrock	12.2	21.9
bedrock	bedrock	593	bedrock	6.1	21.9
bedrock	bedrock	593	bedrock	6.1	21.9
clay	low	aquitard	bedrock	5.5	12.2
bedrock	bedrock	688	bedrock	43.3	12.2
boulder/gravel	permeable	permeable		3	
sand/gravel	permeable	permeable		12.2	
sand/gravel	permeable	permeable		3.1	
tbd			bedrock	45.7	
bedrock	bedrock	917	bedrock	45.7	36.6
clay	low	aquitard	bedrock	4.6	36
clay	low	aquitard	bedrock	1.5	36
till	low	aquitard	bedrock	10.1	36
bedrock	bedrock	451	bedrock	4.5	36
bedrock	bedrock	451	bedrock	13.4	36
bedrock	bedrock	451	bedrock	6.4	36
bedrock	bedrock	451	bedrock	6.4	36
bedrock	bedrock	451	bedrock	9.5	36
SAND/clay	ambiguous	440	440	0.9	4.6
sand/gravel	permeable	440	440	1.2	4.6
bedrock	bedrock	bedrock aquif	440	2.5	4.6
bedrock	bedrock	bedrock aquif	440	3.3	4.6
GRAVEL/silt	ambiguous	ambiguous	aquifer, confir	10.7	9.1
sand/gravel	permeable	permeable	aquifer, confir	2.4	9.1
sand/gravel	permeable	permeable	aquifer, confir	6.7	9.1
sand/gravel	permeable	aquifer (confir	aquifer, confir	0.6	9.1
GRAVEL/silt	ambiguous	aquitard	630	45.7	45.7
sand/gravel	permeable	630	630	50.3	45.7
sand/gravel	permeable	630	630	2.8	45.7
sand/gravel	permeable	permeable	923	4.6	12.2
silt	low	aquitard	923	25.9	12.2



sand/gravel	permeable	permeable	923	2.4	12.2
sand/gravel/cl	ambiguous		923	1.2	12.2
sand/gravel	permeable	permeable		1.6	
clay	low	aquitard	630	9.1	45.7
till	low	aquitard	630	2.5	45.7
sand/gravel	permeable	permeable	630	6.7	45.7
clay	low	aquitard	630	6.1	45.7
clay	low	aquitard	630	30.5	45.7
till	low	aquitard	630	16.7	45.7
sand/gravel	permeable		630	630	1.6
clay	low	aquitard	bedrock	6.1	3.7
SAND/clay	ambiguous	ambiguous	bedrock	4	3.7
sand/gravel	permeable	permeable		3	
bedrock	bedrock		593	bedrock	14.3
yield/groundwater			593	bedrock	0.3
clay	low	aquitard		aquifer, confir	6.1
CLAY/sand	ambiguous	ambiguous		aquifer, confir	4
sand/gravel	permeable		851	aquifer, confir	14.3
yield/groundwater				aquifer, confir	0.3
yield/groundwater				aquifer, confir	0.6
sand/gravel	permeable		687	aquifer, uncor	6.4
sand/gravel	permeable		687	aquifer, uncor	16.5
CLAY/gravel	low	aquitard		aquifer, uncor	0.9
clay	low	aquitard		aquifer, uncor	4.2
CLAY/sand	ambiguous	ambiguous		aquifer, uncor	2.8
sand/gravel	permeable		687	aquifer, uncor	7
clay	low	aquitard		aquifer, uncor	1.5
sand/gravel	permeable		687	aquifer, uncor	0.3
clay	low	aquitard		bedrock	4.9
clay	low	aquitard		bedrock	4.9
clay	low	aquitard		bedrock	19.5
clay	low	aquitard		bedrock	19.5
till	low	aquitard		bedrock	9.1
sand/gravel	permeable	permeable			16.8
sand/gravel/cl	ambiguous	ambiguous			1.5
till	low	aquitard		bedrock	9.1
till	low	aquitard		bedrock	14.4
till	low	aquitard		bedrock	14.4
bedrock	bedrock		441	bedrock	2.1
bedrock	bedrock		441	bedrock	40.8
bedrock	bedrock		441	bedrock	40.8
silt	low	aquitard		bedrock	3.7

till	low	aquitard	bedrock	13.1	13.7
GRAVEL/silt	ambiguous	ambiguous	bedrock	2.1	13.7
till	low	aquitard	bedrock	20.7	13.7
bedrock	bedrock	bedrock aquif	bedrock	3.1	13.7
silt/clay	low	aquitard		6.1	13.7
till	low	aquitard		10.7	13.7
GRAVEL/silt	ambiguous	ambiguous		3.3	13.7
clay	low	aquitard	bedrock	17.4	13.7
bedrock	bedrock	593	bedrock	1.2	13.7
bedrock	bedrock	593	bedrock	6.4	13.7
clay	low	aquitard	bedrock	43.3	41.5
bedrock	bedrock	593	bedrock	3.3	41.5
bedrock	bedrock	593	bedrock	14.4	41.5
unknown/over	ambiguous	ambiguous	bedrock	3	21.9
clay	low	aquitard	bedrock	2.5	21.9
CLAY/sand	ambiguous	ambiguous	bedrock	0.3	21.9
clay	low	aquitard	bedrock	2.5	21.9
clay	low	aquitard	bedrock	18.2	21.9
bedrock	bedrock	451	bedrock	1.6	21.9
bedrock	bedrock	451	bedrock	2.1	21.9
till	low	aquitard	bedrock	5.5	
clay	low	aquitard	bedrock	3	
bedrock	bedrock	bedrock aquif	bedrock	24.4	
bedrock	bedrock	bedrock aquif	bedrock	5.5	
bedrock	bedrock	bedrock aquif	bedrock	1.2	
till	low	aquitard	bedrock	15.2	
bedrock	bedrock	bedrock aquif	bedrock	82.3	
till	low	aquitard	bedrock	7.6	
bedrock	bedrock	bedrock aquif	bedrock	99.1	
clay	low	aquitard	bedrock	10.1	17.4
clay	low	aquitard	bedrock	3	17.4
bedrock	bedrock	451	bedrock	36	17.4
bedrock	bedrock	451	bedrock	29.5	17.4
clay	low	aquitard	bedrock	6.7	16.8
clay	low	aquitard	bedrock	20.4	16.8
bedrock	bedrock	451	bedrock	2.5	16.8
bedrock	bedrock	451	bedrock	0.9	16.8
till	low	aquitard	687-442	28	
sand/gravel	permeable	444	687-442	0.7	
sand/gravel	permeable	444	687-442	1.2	
clay	low	aquitard	bedrock	34.1	
bedrock	bedrock	451	bedrock	8.9	

bedrock	bedrock		451 bedrock	1.5	
bedrock	bedrock		451 bedrock	2.4	
bedrock	bedrock		451 bedrock	0.6	
bedrock	bedrock		451 bedrock	11	
bedrock	bedrock		451 bedrock	15.9	
clay	low	aquitard	bedrock	4.9	
clay	low	aquitard	bedrock	2.4	
clay	low	aquitard	bedrock	0.6	
CLAY/sand	low	aquitard	bedrock	1.9	
bedrock	bedrock		451 bedrock	31.7	
till	low	aquitard		10.7	
GRAVEL/silt	permeable	permeable		4.5	
bedrock	bedrock		451 bedrock	24.4	51.8
bedrock	bedrock		451 bedrock	6.1	51.8
bedrock	bedrock		451 bedrock	13.7	51.8
bedrock	bedrock		451 bedrock	3	51.8
bedrock	bedrock		451 bedrock	1.6	51.8
bedrock	bedrock		451 bedrock	6.1	51.8
bedrock	bedrock		451 bedrock	18.3	51.8
clay	low	aquitard	bedrock	13.7	6.7
CLAY/gravel	low	aquitard	bedrock	7	6.7
sand/gravel	permeable	permeable, dr	bedrock	6.4	6.7
bedrock	bedrock		451 bedrock	0.3	6.7
bedrock	bedrock		451 bedrock	22.9	6.7
bedrock	bedrock		451 bedrock	7.6	6.7
sand/gravel	permeable	permeable, dr	bedrock	3	51.8
silt	low	aquitard	bedrock	27.5	51.8
silt/clay	low	aquitard	bedrock	12.2	51.8
bedrock	bedrock		451 bedrock	12.2	51.8
bedrock	bedrock		451 bedrock	3	51.8
bedrock	bedrock		451 bedrock	9.2	51.8
bedrock	bedrock		451 bedrock	6.1	51.8
unknown/overburden			bedrock	3	
till	low	aquitard	bedrock	21.4	
bedrock	bedrock	bedrock aquif	bedrock	18.3	
bedrock	bedrock	bedrock aquif	bedrock	48.7	
clay	low	aquitard	bedrock	12.2	47.2
bedrock	bedrock		451 bedrock	3	47.2
bedrock	bedrock		451 bedrock	22.9	47.2
bedrock	bedrock		451 bedrock	9.7	47.2
bedrock	bedrock		451 bedrock	8.6	47.2
clay	low	aquitard	bedrock	18.3	29.3

bedrock	bedrock		627 bedrock	42.7	29.3
bedrock	bedrock		627 bedrock	54.9	
bedrock	bedrock		627 bedrock	2.1	
bedrock	bedrock		627 bedrock	66.1	
till	low	aquitard	bedrock	9.1	4.3
bedrock	bedrock		451 bedrock	3.1	4.3
sand/gravel	permeable	permeable		36.3	
till	low	aquitard	bedrock	3	
till	low	aquitard	bedrock	5.5	
bedrock	bedrock		589 bedrock	50	
bedrock	bedrock		451 bedrock	9.1	6.1
bedrock	bedrock		451 bedrock	22	6.1
bedrock	bedrock		451 bedrock	0.3	6.1
bedrock	bedrock		451 bedrock	5.2	6.1
till	low	aquitard	bedrock	25.9	
bedrock	bedrock		622 bedrock	1.5	
bedrock	bedrock		622 bedrock	6.1	
bedrock	bedrock		622 bedrock	6.1	
bedrock	bedrock		622 bedrock	18.9	
bedrock	bedrock		622 bedrock	3.4	
bedrock	bedrock		622 bedrock	2.1	
clay	low	aquitard	451	9.1	12.2
till	low	aquitard	451	4.6	12.2
sand/gravel	permeable		444 451	16.8	12.2
clay	low	aquitard	bedrock	52.4	50
bedrock	bedrock		451 bedrock	28.1	50
bedrock	bedrock		451 bedrock	6.1	6.7
bedrock	bedrock		451 bedrock	21.3	6.7
bedrock	bedrock		451 bedrock	1.6	6.7
tbd	ambiguous	ambiguous	bedrock	7.3	5.2
bedrock	bedrock		451 bedrock	0.3	5.2
bedrock	bedrock		451 bedrock	2.4	5.2
bedrock	bedrock		451 bedrock	11	
CLAY/sand	ambiguous	ambiguous	451	1.2	
CLAY/gravel	low	aquitard	451	11.6	
sand/gravel	permeable		444 451	0.6	
GRAVEL/silt	ambiguous	ambiguous	451	0.3	
sand/gravel	permeable		444 451	5.8	
CLAY/sand	low	aquitard	bedrock	1.6	
silt	low	aquitard	bedrock	16.7	
till	low	aquitard	bedrock	6.1	
bedrock	bedrock	bedrock aquif.	bedrock	39.7	

CLAY/gravel	low	aquitard	bedrock		58.5	19.8
bedrock	bedrock		593 bedrock		7.6	19.8
bedrock	bedrock		593 bedrock		8	19.8
clay	low	aquitard	bedrock		10.7	33.5
bedrock	bedrock		451 bedrock		37.5	33.5
clay	low	aquitard	bedrock		3.4	12.2
bedrock	bedrock		451 bedrock		1.8	12.2
bedrock	bedrock		451 bedrock		2.4	12.2
bedrock	bedrock		451 bedrock		4.6	12.2
bedrock	bedrock		451 bedrock		0.6	12.2
bedrock	bedrock		451 bedrock		3.7	12.2
till	low	aquitard	bedrock		14.3	
bedrock	bedrock	bedrock	aquif bedrock		10.1	
bedrock	bedrock	bedrock	aquif bedrock		12.2	
bedrock	bedrock	bedrock	aquif bedrock		50.3	
sand/gravel	permeable	permeable, dr	910		12.2	57
sand/gravel	permeable	permeable, dr	910		12.2	57
SAND/clay	ambiguous	aquitard	910		3	57
clay	low	aquitard	910		9.2	57
SAND/clay	ambiguous	aquitard	910		31.7	57
sand/gravel	permeable		910	910	5.5	57
till	low	aquitard	bedrock		39.6	15.2
bedrock	bedrock		689 bedrock		45.7	15.2
clay	low	aquitard	bedrock		2.7	
bedrock	bedrock		451 bedrock		25.3	
bedrock	bedrock		451 bedrock		0.3	
bedrock	bedrock		451 bedrock		2.2	
bedrock	bedrock		451 bedrock		0.9	
bedrock	bedrock		451 bedrock		14.3	
bedrock	bedrock		451 bedrock		10.4	
clay	low	aquitard	bedrock		2.7	
bedrock	bedrock		451 bedrock		9.5	
bedrock	bedrock		451 bedrock		15.8	
bedrock	bedrock		451 bedrock		0.7	
bedrock	bedrock		451 bedrock		1.8	
bedrock	bedrock		451 bedrock		3	
bedrock	bedrock		451 bedrock		4.3	
clay	low	aquitard	bedrock		6.4	
bedrock	bedrock		451 bedrock		4	
bedrock	bedrock		451 bedrock		0.9	
bedrock	bedrock		451 bedrock		0.9	
bedrock	bedrock		451 bedrock		0.6	

bedrock	bedrock	451	bedrock	18.9	
bedrock	bedrock	451	bedrock	2.1	
bedrock	bedrock	451	bedrock	19.5	
bedrock	bedrock	451	bedrock	0.6	
bedrock	bedrock	451	bedrock	26.6	
sand/gravel	permeable	687	687-442	4.9	
sand/gravel	permeable	687	687-442	7	
sand/gravel	permeable		permeable, dr bedrock	6.1	7.6
bedrock	bedrock	451	bedrock	24.4	7.6
sand/gravel/cl	ambiguous		ambiguous bedrock	33.5	
bedrock	bedrock	917	bedrock	1.6	
bedrock	bedrock	917	bedrock	0.3	
bedrock	bedrock	917	bedrock	15.5	
sand/gravel/cl	ambiguous		ambiguous bedrock	13.1	12.2
boulder/grave	permeable		permeable bedrock	1.2	12.2
bedrock	bedrock	688	bedrock	17.4	12.2
bedrock	bedrock	688	bedrock	1.8	
till	low		aquitard bedrock	31.1	64
bedrock	bedrock	451	bedrock	4	64
bedrock	bedrock	451	bedrock	15.2	64
bedrock	bedrock	451	bedrock	41.7	64
bedrock	bedrock	451	bedrock	5.5	64
bedrock	bedrock	451	bedrock	18.3	64
till	low		aquitard bedrock	12.2	32
GRAVEL/silt	ambiguous		permeable, dr bedrock	7.6	32
bedrock	bedrock	451	bedrock	10.7	32
bedrock	bedrock	451	bedrock	42.7	32
sand/gravel	permeable	624	624-625-627-1	12.2	12.2
sand/gravel	permeable	624	624-625-627-1	3	12.2
sand/gravel	permeable	624	624-625-627-1	3.1	12.2
sand/gravel	permeable		permeable 923	6.7	
silt/clay	low		aquitard 923	51.2	
sand/gravel	permeable		permeable 923	1.2	
GRAVEL/silt	ambiguous	923	923	1.9	
till	low		aquitard bedrock	12.8	11
bedrock	bedrock	451	bedrock	3.7	11
bedrock	bedrock	451	bedrock	1.2	11
bedrock	bedrock	451	bedrock	4.2	11
till	low		aquitard bedrock	19.2	
bedrock	bedrock	451	bedrock	16.2	
yield/groundwater			bedrock	1.2	
clay	low		aquitard bedrock	3	13.1

bedrock	bedrock		448	bedrock	10.7	13.1
bedrock	bedrock		448	bedrock	5.2	13.1
clay	low	aquitard		bedrock	3	17.4
bedrock	bedrock		448	bedrock	10.7	17.4
bedrock	bedrock		448	bedrock	5.2	17.4
clay	low	aquitard		bedrock	2.4	50
bedrock	bedrock		451	bedrock	3.7	50
bedrock	bedrock		451	bedrock	11.3	50
bedrock	bedrock		451	bedrock	9.1	50
bedrock	bedrock		451	bedrock	89.9	50
soil/organic	low	aquitard		bedrock	0.3	49.4
till	low	aquitard		bedrock	5.2	49.4
till	low	aquitard		bedrock	21.6	49.4
sand/gravel	permeable	permeable		bedrock	0.6	49.4
till	low	aquitard		bedrock	8.6	49.4
boulder/grave	permeable		593	bedrock	0.3	49.4
till	low	aquitard		bedrock	0.9	49.4
till	low	aquitard		bedrock	4.3	49.4
bedrock	bedrock		593	bedrock	15.5	49.4
bedrock	bedrock		593	bedrock	6.7	49.4
bedrock	bedrock		593	bedrock	2.1	49.4
clay	low	aquitard		bedrock	0.9	
bedrock	bedrock		451	bedrock	26.5	
bedrock	bedrock		451	bedrock	8.6	
bedrock	bedrock		451	bedrock	1.2	
bedrock	bedrock		451	bedrock	0.6	
bedrock	bedrock		451	bedrock	2.1	
bedrock	bedrock		451	bedrock	1.6	
bedrock	bedrock		451	bedrock	16.7	
sand/gravel	permeable		440	440	2.1	
boulder/grave	permeable		440	440	2.8	
sand/gravel	permeable		440	440	5.5	
till	low	aquitard		440	13.4	
sand/gravel	permeable		440	440	3.3	
sand/gravel	permeable		440	440	0.6	
GRAVEL/silt	ambiguous	ambiguous		440	0.3	
clay	low	aquitard		bedrock	12.2	
bedrock	bedrock		451	bedrock	23.8	
bedrock	bedrock		451	bedrock	44.5	
clay	low	aquitard		bedrock	30.8	14
bedrock	bedrock		451	bedrock	4.6	14
bedrock	bedrock		451	bedrock	0.6	14

bedrock	bedrock	451	bedrock	1.8	14
sand/gravel/clay	ambiguous	ambiguous	bedrock	27.1	32
clay	low	aquitard	bedrock	4.6	32
bedrock	bedrock	bedrock	aquif	bedrock	0.3
bedrock	bedrock	bedrock	aquif	bedrock	45.4
clay	low	aquitard	bedrock	45.7	70.1
bedrock	bedrock	448	bedrock	34.8	70.1
clay	low	aquitard	bedrock	20.4	26.2
bedrock	bedrock	451	bedrock	10.7	26.2
bedrock	bedrock	451	bedrock	0.6	26.2
bedrock	bedrock	451	bedrock	5.5	26.2
bedrock	bedrock	451	bedrock	0.9	26.2
bedrock	bedrock	451	bedrock	2.7	26.2
soil/organic	low	aquitard	bedrock	0.3	29
silt/clay	low	aquitard	bedrock	0.9	29
CLAY/sand	ambiguous	ambiguous	bedrock	1.2	29
CLAY/gravel	low	aquitard	bedrock	0.6	29
CLAY/sand	ambiguous	ambiguous	bedrock	1	29
sand/gravel	permeable	593	bedrock	0.3	29
CLAY/sand	ambiguous	ambiguous	bedrock	0.3	29
bedrock	bedrock	593	bedrock	6.1	29
bedrock	bedrock	593	bedrock	12.8	29
bedrock	bedrock	593	bedrock	1.5	29
bedrock	bedrock	593	bedrock	16.1	29
bedrock	bedrock	593	bedrock	4.6	29
clay	low	aquitard	bedrock	4	
CLAY/sand	ambiguous	ambiguous	bedrock	1.2	
CLAY/gravel	low	aquitard	bedrock	10	
bedrock	bedrock	451	bedrock	1.6	
bedrock	bedrock	451	bedrock	1.5	
clay	low	aquitard	bedrock	22.9	
bedrock	bedrock	593	bedrock	20.1	
yield/groundwater			bedrock	6.1	
yield/groundwater			bedrock	3.1	
CLAY/sand	low	aquitard		6.7	
bedrock	bedrock	639		22.6	
bedrock	bedrock	639		7.3	
bedrock	bedrock	639		22.5	
bedrock	bedrock	639		2.5	
bedrock	bedrock	639		13.7	
clay	low	aquitard		11	14.6
bedrock	bedrock	451		3.9	14.6



bedrock	bedrock	451	2.8	14.6
bedrock	bedrock	451	0.6	14.6
bedrock	bedrock	451	1.2	14.6
sand/gravel	permeable	permeable, dry	0.6	28.7
clay	low	aquitard	21.7	28.7
bedrock	bedrock	451	19.5	28.7
yield/groundwater			1.2	
yield/groundwater			0.6	
clay	low	aquitard	19.8	
bedrock	bedrock	451	11	
bedrock	bedrock	451	39.3	
bedrock	bedrock	451	16.5	
till	low	aquitard	4.9	38.1
bedrock	bedrock	451	20.7	38.1
bedrock	bedrock	451	0.6	38.1
bedrock	bedrock	451	22	38.1
tbd			6.1	
bedrock	bedrock	451	6.7	38.1
clay	low	aquitard	5.8	7.3
sand/gravel	permeable	permeable, dry	1.5	7.3
clay	low	aquitard	1.5	7.3
bedrock	bedrock	451	9.5	7.3
CLAY/sand	low	aquitard	30.8	
GRAVEL/silt	ambiguous	ambiguous	16.8	
CLAY/sand	ambiguous	ambiguous	5.2	6.7
bedrock	bedrock	931	9.7	6.7
bedrock	bedrock	931	0.3	6.7
bedrock	bedrock	931	4.6	6.7
clay	low	aquitard	12.8	19.8
bedrock	bedrock	451	4.6	19.8
bedrock	bedrock	451	3	19.8
bedrock	bedrock	451	0.3	19.8
bedrock	bedrock	451	1.2	19.8
bedrock	bedrock	451	3.4	19.8
bedrock	bedrock	451	3.7	19.8
clay	low	aquitard	9.4	
bedrock	bedrock	451	4.3	
bedrock	bedrock	451	2.1	
bedrock	bedrock	451	3.1	
bedrock	bedrock	451	3.7	
clay	low	aquitard	9.4	47.2
bedrock	bedrock	933 bedrock	41.2	47.2

bedrock	bedrock	933	bedrock	1.8	47.2
bedrock	bedrock	933	bedrock	6.4	47.2
clay	low	aquitard	bedrock	16.2	
CLAY/sand	ambiguous	ambiguous	bedrock	6.4	
CLAY/gravel	low	aquitard	bedrock	1.8	
clay	low	aquitard	bedrock	3.3	
bedrock	bedrock	451	bedrock	0.6	
bedrock	bedrock	451	bedrock	5.5	
bedrock	bedrock	451	bedrock	0.3	
bedrock	bedrock	451	bedrock	9.8	
clay	low	aquitard		6.4	
silt	low	aquitard		17.1	
clay	low	aquitard		44.8	
till	low	aquitard		3.9	
silt	low	aquitard		7.6	
silt	low	aquitard		24.4	
boulder/gravel	permeable	630	624-625-627-1	3.7	19.8
till	low	aquitard	624-625-627-1	17.6	19.8
bedrock	bedrock	bedrock	aquif 624-625-627-1	70.1	19.8
bedrock	bedrock	634		6.1	6.7
bedrock	bedrock	634		18.3	6.7
bedrock	bedrock	634		6.1	6.7
tbd	ambiguous	ambiguous		11.3	10.1
bedrock	bedrock	451		0.3	10.1
bedrock	bedrock	451		10.7	10.1
silt	low	aquitard		6.1	30.5
silt/clay	low	aquitard		27.4	30.5
bedrock	bedrock	591		57.9	30.5
till	low	aquitard		36.3	94.5
bedrock	bedrock	bedrock	aquifer	2.4	94.5
bedrock	bedrock	bedrock	aquifer	4.9	94.5
bedrock	bedrock	bedrock	aquifer	1.2	94.5
bedrock	bedrock	bedrock	aquifer	1.2	94.5
bedrock	bedrock	bedrock	aquifer	10.4	94.5
bedrock	bedrock	bedrock	aquifer	34.1	94.5
bedrock	bedrock	bedrock	aquifer	2.2	94.5
bedrock	bedrock	bedrock	aquifer	11.5	94.5
bedrock	bedrock	bedrock	aquifer	5.8	94.5
bedrock	bedrock	bedrock	aquifer	15	94.5
soil/organic	ambiguous	ambiguous		0.6	
clay	low	aquitard		16.2	
clay	low	aquitard		3	

clay	low	aquitard		39.6	
silt/clay	low	aquitard		62.5	
silt/clay	low	aquitard	aquifer, confir	7.3	29
sand/gravel	permeable	permeable	aquifer, confir	5.2	29
clay	low	aquitard	aquifer, confir	17.1	29
GRAVEL/silt	permeable	590	aquifer, confir	13.7	29
till	low	aquitard	aquifer, confir	22.5	29
sand/gravel	permeable	590	aquifer, confir	1	29
till	low	aquitard		15.2	15.2
bedrock	bedrock	688		76.2	15.2
sand/gravel	permeable	permeable, dr	910	3	55.8
sand/gravel	permeable	permeable, dr	910	23.2	55.8
SAND/clay	ambiguous	aquitard	910	2.2	55.8
SAND/clay	ambiguous	aquitard	910	21.9	55.8
GRAVEL/silt	ambiguous	aquitard	910	0.6	55.8
GRAVEL/silt	ambiguous	aquitard	910	6.7	55.8
sand/gravel	permeable	910	910	1.2	55.8
SAND/clay	permeable	permeable, dr	910	12.1	55.8
CLAY/sand	low	aquitard	910	0.7	55.8
bedrock	bedrock	bedrock aquif	910	9.1	55.8
sand/gravel	permeable	permeable, dr	aquifer, uncor	27.4	27.4
GRAVEL/silt	ambiguous	aquifer (uncor	aquifer, uncor	6.1	27.4
bedrock	bedrock	bedrock aquif	aquifer, uncor	9.2	27.4
clay	low	aquitard		6.1	12.2
bedrock	bedrock	591		42.7	12.2
till	low	aquitard		9.8	29.6
bedrock	bedrock	593		106	29.6
bedrock	bedrock	bedrock aquifer		139.6	
yield/groundwater				6.1	
yield/groundwater				6	
sand/gravel	permeable	440, dry	440	18.3	30.5
SAND/clay	ambiguous	440	440	3	30.5
GRAVEL/silt	ambiguous	440	440	13.8	30.5
bedrock	bedrock	bedrock aquif	440	44.1	30.5
bedrock	bedrock	bedrock aquif	440	12.2	30.5
CLAY/sand	low	aquitard	910	4.6	48.8
sand/gravel	permeable	permeable, dr	910	25.9	48.8
sand/gravel/cl	ambiguous	ambiguous	910	9.1	48.8
sand/gravel	permeable	permeable, dr	910	6.1	48.8
sand/gravel/cl	ambiguous	aquitard	910	7.3	48.8
sand/gravel	permeable	910	910	26.2	48.8
bedrock	bedrock	bedrock aquif	910	24.4	48.8

CLAY/sand	low	aquitard		13.7	
SAND/clay	ambiguous	aquitard		24.4	
till	low	aquitard		16.8	
GRAVEL/silt	ambiguous	aquitard		9.1	
silt/clay	low	aquitard		6.7	
bedrock	bedrock	bedrock aquifer		7.9	
bedrock	bedrock	bedrock aquifer		8.3	
bedrock	bedrock	bedrock aquifer		18.3	
bedrock	bedrock	bedrock aquifer		10.6	
clay	low	aquitard	bedrock	19.5	
CLAY/sand	low	aquitard	bedrock	11.3	
sand/gravel	permeable	permeable	bedrock	9.4	
bedrock	bedrock	933	bedrock	13.8	
bedrock	bedrock	933	bedrock	1.8	
bedrock	bedrock	933	bedrock	3.4	
till	low	aquitard	aquifer 624-6'	11	12.2
sand/gravel/cl	ambiguous	624	aquifer 624-6'	7.3	12.2
till	low	aquitard		1.8	
sand/gravel	permeable	934		1.6	
GRAVEL/silt	ambiguous	ambiguous		0.9	
sand/gravel	permeable	934		2.1	
bedrock	bedrock	934		5.2	
clay	low	aquitard		57.9	12.2
bedrock	bedrock	bedrock aquifer		3.1	12.2
sand/gravel	permeable	permeable	bedrock	3.1	7.6
bedrock	bedrock	688	bedrock	2.4	7.6
bedrock	bedrock	688	bedrock	28.1	7.6
sand/gravel	permeable	440	440	9.1	36.6
sand/gravel	permeable	440, dry	440	18.3	36.6
silt/clay	low	aquitard	440	9.2	36.6
silt/clay	low	aquitard	440	7.6	36.6
bedrock	bedrock	bedrock aquif	440	1.5	36.6
till	low	aquitard		12.2	9.1
GRAVEL/silt	ambiguous	ambiguous		1.5	9.1
sand/gravel	permeable	permeable		3.1	9.1
till	low	aquitard	bedrock	6.7	
bedrock	bedrock	934	bedrock	37.5	
bedrock	bedrock	934	bedrock	25.9	
bedrock	bedrock	934	bedrock	4.6	
clay	low	aquitard		1.2	26.8
bedrock	bedrock	bedrock aquifer		10.4	26.8
bedrock	bedrock	bedrock aquifer		1.5	26.8

bedrock	bedrock	bedrock aquifer		2.7	26.8
bedrock	bedrock	bedrock aquifer		5.2	26.8
bedrock	bedrock	bedrock aquifer		4.6	26.8
bedrock	bedrock	bedrock aquifer		4	26.8
bedrock	bedrock	bedrock aquifer		1.8	26.8
bedrock	bedrock	bedrock aquifer		0.6	26.8
clay	low	aquitard		4.6	0.3
bedrock	bedrock		627	50.3	0.3
bedrock	bedrock		627	36.5	0.3
clay	low	aquitard		5.5	9.1
bedrock	bedrock		639	3.6	9.1
bedrock	bedrock		639	7.4	9.1
bedrock	bedrock		639	5.8	9.1
CLAY/sand	low	aquitard		3.4	
clay	low	aquitard		32.6	
bedrock	bedrock		932	2.4	
bedrock	bedrock		932	11.6	
clay	low	aquitard	aquifer, confir	6.4	29.6
till	low	aquitard	aquifer, confir	8.5	29.6
CLAY/sand	low	aquitard	aquifer, confir	0.9	29.6
CLAY/sand	low	aquitard	aquifer, confir	32.4	29.6
clay	low	aquitard		6.4	10.4
sand/gravel	permeable		637 aquifer, confir	0.6	29.6
CLAY/sand	low	aquitard	aquifer, confir	0.9	29.6
clay	low	aquitard		5.2	13.7
bedrock	bedrock	bedrock aquifer		9.7	13.7
bedrock	bedrock	bedrock aquifer		2.8	13.7
bedrock	bedrock	bedrock aquifer		2.4	13.7
bedrock	bedrock	bedrock aquifer		0.9	13.7
clay	low	aquitard	bedrock	4.9	15.5
bedrock	bedrock		639 bedrock	8.5	15.5
bedrock	bedrock		639 bedrock	4	15.5
bedrock	bedrock		639 bedrock	1.8	15.5
bedrock	bedrock		639 bedrock	0.9	15.5
unknown/over	ambiguous	ambiguous		9.1	5.5
CLAY/sand	low	aquitard		4.9	5.5
unknown/over	ambiguous	ambiguous		1.8	5.5
unknown/over	ambiguous	ambiguous		7.6	5.5
clay	low	aquitard		3.7	10.4
silt	low	aquitard		3	10.4
sand/gravel	permeable		637	1.9	10.4
clay	low	aquitard		4.5	10.4

sand/gravel	permeable	637		3.1	10.4
unknown/over	ambiguous	ambiguous		4	5.8
silt	low	aquitard		7	5.8
yield/groundwater				1.2	
bedrock	bedrock	bedrock aquifer		3	5.8
clay	low	aquitard		4.6	13.1
clay	low	aquitard		1.8	13.1
till	low	aquitard		1.2	13.1
bedrock	bedrock	639		13.4	13.1
clay	low	aquitard		4.9	40.5
clay	low	aquitard		0.6	40.5
bedrock	bedrock	639		0.3	40.5
bedrock	bedrock	639		7	40.5
bedrock	bedrock	639		14.9	40.5
bedrock	bedrock	639		2.2	40.5
bedrock	bedrock	639		4.2	40.5
bedrock	bedrock	639		1.6	40.5
bedrock	bedrock	639		29.5	40.5
CLAY/sand	low	aquitard		14.9	
clay	low	aquitard		6.4	
till	low	aquitard		14.4	
till	low	aquitard		0.9	
clay	low	aquitard		0.3	
bedrock	bedrock	bedrock aquifer		0.9	
bedrock	bedrock	bedrock aquifer		2.1	
till	low	aquitard	bedrock	11.9	8.5
bedrock	bedrock	639 bedrock		7.6	8.5
bedrock	bedrock	639 bedrock		1.5	8.5
bedrock	bedrock	639 bedrock		0.9	8.5
bedrock	bedrock	639 bedrock		1	8.5
yield/groundwater			bedrock	0.9	
bedrock	bedrock	639 bedrock		1.8	8.5
bedrock	bedrock	639 bedrock		2.4	8.5
bedrock	bedrock	639 bedrock		1.9	8.5
bedrock	bedrock	639 bedrock		2.7	8.5
bedrock	bedrock	639 bedrock		3	8.5
bedrock	bedrock	639 bedrock		1	
bedrock	bedrock	639 bedrock		6.4	8.5
clay	low	aquitard		3	14.6
sand/gravel	permeable	permeable		3.7	14.6
clay	low	aquitard		6.4	14.6
unknown/over	ambiguous	ambiguous		3.7	14.6

unknown/over	ambiguous	ambiguous		7	14.6
bedrock	bedrock	639		0.6	14.6
bedrock	bedrock	bedrock aquifer		8	
bedrock	bedrock	639		1.1	14.6
clay	low	aquitard	bedrock	0.9	6.1
silt	low	aquitard	bedrock	10.7	6.1
bedrock	bedrock	639	bedrock	0.6	6.1
bedrock	bedrock	639	bedrock	0.3	6.1
bedrock	bedrock	639	bedrock	10.7	6.1
bedrock	bedrock	639		3	
bedrock	bedrock	639		9.8	
bedrock	bedrock	639		24.7	
clay	low	aquitard	bedrock	1.8	
bedrock	bedrock	639	bedrock	6.4	
bedrock	bedrock	639	bedrock	1.9	
bedrock	bedrock	639	bedrock	0.9	
bedrock	bedrock	639	bedrock	0.6	
bedrock	bedrock	639	bedrock	3.6	
clay	low	aquitard		1.5	18.3
till	low	aquitard		0.9	18.3
bedrock	bedrock	688		3.7	18.3
bedrock	bedrock	688		74.7	18.3
sand/gravel	permeable	624, dry	aquifer 624-62	10.7	10.7
sand/gravel	permeable	624	aquifer 624-62	7.6	10.7
clay	low	aquitard		1.2	
sand/gravel	permeable	permeable, dr	451	3	38.1
clay	low	aquitard	451	25.3	38.1
sand/gravel	permeable	permeable, dr	451	1.3	38.1
clay	low	aquitard	451	7	38.1
sand/gravel	permeable	451	451	1.5	38.1
SAND/clay	ambiguous	451	451	6.1	38.1
sand/gravel	permeable	permeable, dry		1.6	4.3
bedrock	bedrock	bedrock aquifer		5.5	4.3
clay	low	aquitard		6.1	4.6
bedrock	bedrock	bedrock aquifer		2.7	4.6
yield/groundwater				1.8	
bedrock	bedrock	bedrock aquifer		0.3	4.6
bedrock	bedrock	bedrock aquifer		3.1	4.6
clay	low	aquitard		17.7	
till	low	aquitard		7.3	
till	low	aquitard		7.3	
clay	low	aquitard		10.1	24.4

bedrock	bedrock	451	11.2	24.4
bedrock	bedrock	451	2.8	24.4
bedrock	bedrock	451	0.9	24.4
bedrock	bedrock	451	0.6	24.4
bedrock	bedrock	451	1.2	24.4
bedrock	bedrock	451	0.6	24.4
bedrock	bedrock	451	1.6	24.4
bedrock	bedrock	451	3.3	24.4
bedrock	bedrock	451	3.7	24.4
bedrock	bedrock	451	17.3	24.4
bedrock	bedrock	932	6.7	
clay	low	aquitard	10.1	
bedrock	bedrock	932	3	
bedrock	bedrock	932	0.9	
bedrock	bedrock	932	19.5	
bedrock	bedrock	932	2.5	
bedrock	bedrock	932	1.8	
CLAY/sand	ambiguous	ambiguous	18.3	
clay	low	aquitard	27.4	
clay	low	aquitard	6.1	
till	low	aquitard	1.5	
bedrock	bedrock	591	13.8	
bedrock	bedrock	591	33.5	
bedrock	bedrock	591	3	
clay	low	aquitard	9.1	
bedrock	bedrock	591	21.4	
till	low	aquitard	0.3	
till	low	aquitard	17.4	
bedrock	bedrock	bedrock aquifer	8.2	
bedrock	bedrock	bedrock aquifer	2.8	
bedrock	bedrock	bedrock aquifer	0.6	
bedrock	bedrock	bedrock aquifer	2.1	
bedrock	bedrock	bedrock aquifer	104.3	
bedrock	bedrock	bedrock aquifer	70.1	
CLAY/gravel	low	aquitard	6.1	
sand/gravel	permeable	permeable	36.6	
CLAY/sand	ambiguous	ambiguous	18.3	
clay	low	aquitard	11	
CLAY/sand	ambiguous	ambiguous	7.3	
clay	low	aquitard	12.2	
sand/gravel	permeable	permeable	0.3	
sand/gravel	permeable	448	12.8	



bedrock	bedrock	448		106.1	
soil/organic	ambiguous	ambiguous	bedrock	0.6	32.6
clay	low	aquitard	bedrock	20.1	32.6
bedrock	bedrock	451	bedrock	3.7	32.6
bedrock	bedrock	451	bedrock	8.2	32.6
bedrock	bedrock	451	bedrock	9.5	32.6
bedrock	bedrock	451	bedrock	1.2	32.6
bedrock	bedrock	451	bedrock	10	32.6
bedrock	bedrock	451	bedrock	3.1	32.6
bedrock	bedrock	451	bedrock	10	32.6
sand/gravel	permeable	permeable, dr	451	2.1	20.4
clay	low	aquitard	451	7.3	20.4
CLAY/gravel	low	aquitard	451	1.2	20.4
sand/gravel	permeable	444	451	8.3	20.4
boulder/gravel	permeable	permeable	451	4.6	
CLAY/gravel	low	aquitard	bedrock	9.7	
bedrock	bedrock	451	bedrock	34.2	
bedrock	bedrock	451	bedrock	0.9	
bedrock	bedrock	451	bedrock	6.1	
bedrock	bedrock	451	bedrock	0.9	
bedrock	bedrock	451	bedrock	7.3	
clay	low	aquitard	bedrock	5.5	
bedrock	bedrock		bedrock aquifer	39.7	
clay	low	aquitard		33.5	
bedrock	bedrock		bedrock aquifer	39.7	
bedrock	bedrock	932		91.4	
clay	low	aquitard		4.6	
bedrock	bedrock	451		128.1	
clay	low	aquitard		9.1	
clay	low	aquitard		9.1	
bedrock	bedrock	451		45.8	
bedrock	bedrock		bedrock aquifer	88.4	
till	low	aquitard		11.3	
bedrock	bedrock		bedrock aquifer	80.1	
till	low	aquitard		7.9	59.1
bedrock	bedrock	593		66.8	59.1
bedrock	bedrock	593		9.1	59.1
bedrock	bedrock	593		50.3	59.1
bedrock	bedrock	593		61	59.1
clay	low	aquitard		6.1	12.2
bedrock	bedrock	591		42.7	12.2
silt/clay	low	aquitard		3	7.6

till	low	aquitard		15.3	7.6
bedrock	bedrock		591	12.2	7.6
sand/gravel	permeable	permeable		7.6	
bedrock	bedrock	bedrock aquifer		115.8	
sand/gravel	permeable	permeable		17.7	
clay	low	aquitard		76.2	
CLAY/sand	low	aquitard		9.1	38.1
till	low	aquitard		6.1	38.1
clay	low	aquitard		6.1	38.1
till	low	aquitard		7.7	38.1
GRAVEL/silt	ambiguous	ambiguous		4.5	38.1
bedrock	bedrock		689	3.1	38.1
bedrock	bedrock		689	24.4	38.1
bedrock	bedrock		689	30.4	38.1
CLAY/sand	low	aquitard	626	23.5	3
sand/gravel	permeable		626 626	1.5	3
sand/gravel	permeable	aquitard	aquifer 624-626	29	12.2
sand/gravel	permeable		626 aquifer 624-626	1.5	12.2
CLAY/sand	low	aquitard	640	4.6	
sand/gravel	permeable	permeable	640	3	
CLAY/sand	low	aquitard	640	6.1	
CLAY/gravel	low	aquitard	640	2.8	
sand/gravel	permeable		640 640	1.2	
till	low	aquitard	640	0.9	
CLAY/sand	low	aquitard	640	4.3	
sand/gravel	permeable	permeable	640	3	
CLAY/sand	low	aquitard	640	6.1	
till	low	aquitard	640	2.8	
sand/gravel	permeable		640 640	1.2	
till	low	aquitard	640	4.9	
bedrock	bedrock	bedrock aquifer	640	38.4	
till	low	aquitard		22.9	6.1
bedrock	bedrock	bedrock aquifer		28.9	6.1
sand/gravel	permeable	permeable		14.3	
bedrock	bedrock	bedrock aquifer		0.9	
CLAY/gravel	low	aquitard		19.2	6.1
sand/gravel	permeable	permeable		3.1	6.1
till	low	aquitard		16.2	7.6
bedrock	bedrock	bedrock aquifer		3.6	7.6
sand/gravel	permeable	permeable		11.6	
bedrock	bedrock	bedrock aquifer		1.5	
till	low	aquitard		13.7	7.6

bedrock	bedrock	bedrock aquifer	3.1	7.6
CLAY/gravel	low	aquitard	18.3	6.1
sand/gravel	permeable	permeable	4	6.1
till	low	aquitard	18.3	7.6
bedrock	bedrock	bedrock aquifer	3	7.6
sand/gravel	permeable	permeable	15.2	7.6
bedrock	bedrock	bedrock aquifer	0.8	7.6
boulder/gravel	permeable	permeable	16.8	6.1
sand/gravel	permeable	permeable	18.3	7.6
CLAY/gravel	low	aquitard	15.2	7.6
sand/gravel	permeable	permeable	4.3	
bedrock	bedrock	bedrock aquifer	111.5	
sand/gravel	permeable	permeable	5.5	
bedrock	bedrock	bedrock aquifer	3.6	
boulder/gravel	permeable	permeable	6.1	7.6
sand/gravel	permeable	permeable	10.1	7.6
bedrock	bedrock	bedrock aquifer	0.6	7.6
boulder/gravel	permeable	permeable	16.2	9.1
sand/gravel	permeable	permeable	9.1	
bedrock	bedrock	bedrock aquifer	8.6	
boulder/gravel	permeable	permeable	22.9	6.1
bedrock	bedrock	bedrock aquifer	0.6	6.1
till	low	aquitard	23.5	
bedrock	bedrock	bedrock aquifer	0.9	
sand/gravel	permeable	permeable	9.1	8.5
clay	low	aquitard	12.2	8.5
bedrock	bedrock	bedrock aquifer	8.6	8.5
sand/gravel	permeable	permeable	3	
sand/gravel	permeable	permeable	1.6	
CLAY/sand	low	aquitard	9.1	
till	low	aquitard	9.2	
till	low	aquitard	10.6	
till	low	aquitard	3.7	
bedrock	bedrock	bedrock aquifer	54.2	
boulder/gravel	permeable	permeable	5.5	
tbd			36.6	
sand/gravel	permeable	permeable	2.1	
sand/gravel	permeable	permeable	7.6	
sand/gravel	permeable	permeable	15.3	
SAND/clay	ambiguous	ambiguous	6.1	
sand/gravel	permeable	permeable	9.1	
sand/gravel	permeable	permeable	12.2	

silt	low	aquitard	15.3
bedrock	bedrock	634	128.1
sand/gravel	permeable	permeable	3.4
till	low	aquitard	1.5
CLAY/sand	low	aquitard	8.6
till	low	aquitard	1.8
CLAY/sand	low	aquitard	4
till	low	aquitard	2.4
bedrock	bedrock	bedrock aquifer	30.5
CLAY/gravel	low	aquitard	1.5
sand/gravel	permeable	permeable	16.2
sand/gravel	permeable	permeable	3
till	low	aquitard	15.9
bedrock	bedrock	bedrock aquifer	6.7
bedrock	bedrock	bedrock aquifer	1.2
bedrock	bedrock	bedrock aquifer	5.2
sand/gravel	permeable	permeable	4.6
sand/gravel	permeable	permeable	3.1
sand/gravel	permeable	permeable	10.9
sand/gravel	permeable	permeable	3.4
sand/gravel	permeable	permeable	3
GRAVEL/silt	ambiguous	ambiguous	6.1
sand/gravel	permeable	permeable	17.1
till	low	aquitard	1.2
sand/gravel	permeable	aquifer (unconfined)	3.7
sand/gravel	permeable	aquifer (unconfined)	17.3
till	low	aquitard	9.2
bedrock	bedrock	bedrock aquifer	0.9
bedrock	bedrock	bedrock aquifer	1.5
bedrock	bedrock	bedrock aquifer	18.6
bedrock	bedrock	bedrock aquifer	2.1
bedrock	bedrock	bedrock aquifer	15.3
bedrock	bedrock	bedrock aquifer	10.6
sand/gravel	permeable	permeable	3
bedrock	bedrock	bedrock aquifer	57.9
sand/gravel	permeable	permeable	18.3
sand/gravel	permeable	permeable	16.7
sand/gravel	permeable	permeable	3.1
sand/gravel	permeable	permeable	10.7
sand/gravel	permeable	permeable	54.9
CLAY/sand	low	aquitard	22.9
till	low	aquitard	34.1

sand/gravel	permeable	permeable		10.7	
clay	low	aquitard		3	
sand/gravel	permeable	permeable		2.8	
sand/gravel	permeable	aquifer (confined)		1.8	
silt	low	aquitard		0.9	
sand/gravel	permeable	permeable	640	25.9	18.3
yield/groundwater			640	29.3	
sand/gravel	permeable		640	3.1	18.3
sand/gravel	permeable	permeable, dry		8.5	
till	low	aquitard		2.2	
clay	low	aquitard	640	1.5	
sand/gravel	permeable		640	1.5	
sand/gravel	permeable	640, dry	640	3.1	
sand/gravel	permeable		640	1.5	
sand/gravel	permeable		640	3.1	
sand/gravel	permeable	permeable	640	4.6	26.8
sand/gravel	permeable	permeable, dr	640	4.5	26.8
SAND/clay	ambiguous	ambiguous	640	1.6	26.8
sand/gravel	permeable	permeable	640	18.3	26.8
sand/gravel	permeable		640	10.9	26.8
bedrock	bedrock	bedrock aquif	640	0.3	26.8
sand/gravel	permeable	640, dry	640	7.6	6.1
sand/gravel	permeable		640	5.5	6.1
till	low	aquitard	640	1.5	6.1
bedrock	bedrock	bedrock aquif	640	1.2	6.1
sand/gravel	permeable	640, dry	640	6.1	6.1
till	low	aquitard	640	12.8	6.1
till	low	aquitard	640	0.9	6.1
sand/gravel	permeable	640, dry	640	9.1	
sand/gravel	permeable		640	3.1	
sand/gravel/cl	ambiguous		640	6.7	
clay	low	aquitard	640	0.3	
till	low	aquitard	640	4.6	6.1
sand/gravel	permeable		640	9.1	6.1
bedrock	bedrock	bedrock aquif	640	1.5	6.1
sand/gravel	permeable		640	4.6	
unknown/overburden			640	6.1	
silt	low	aquitard	640	0.6	
silt	low	aquitard	640	1.5	3
sand/gravel	permeable		640	3.1	3
sand/gravel	permeable		640	2.4	3
SAND/clay	ambiguous		640	23.5	3

clay	low	aquitard	640	0.9	
sand/gravel	permeable	640	640	5.2	
GRAVEL/silt	ambiguous	640	640	4.6	
bedrock	bedrock	bedrock aquif	640	1.8	
sand/gravel	permeable	640, dry	640	21.3	
sand/gravel	permeable	640	640	3.1	
SAND/clay	ambiguous	640	640	7	
sand/gravel	permeable	640	640	2.7	
GRAVEL/silt	ambiguous	permeable	640	1	
bedrock	bedrock	bedrock aquif	640	1.5	
sand/gravel	permeable	640, dry	640	9.1	
GRAVEL/silt	ambiguous	640	640	3.1	
sand/gravel	permeable	640	640	5.5	
bedrock	bedrock	bedrock aquif	640	1.2	
clay	low	aquitard	640	1.5	
sand/gravel	permeable	640, dry	640	7	
GRAVEL/silt	ambiguous	640	640	3.7	
GRAVEL/silt	ambiguous	640	640	3	
till	low	aquitard	640	1.3	
clay	low	aquitard	640	1.5	
tbd			640	18.3	
sand/gravel	permeable	permeable	640	7.6	
till	low	aquitard	640	3.1	
sand/gravel	permeable	640	640	6.1	
till	low	aquitard	640	0.6	
unknown/over	ambiguous	ambiguous		0.9	
sand/gravel	permeable	permeable		12.5	
till	low	aquitard		0.9	
clay	low	aquitard		4	3
sand/gravel	permeable	permeable		1.5	3
sand/gravel	permeable	permeable		7.9	3
till	low	aquitard		0.6	3
sand/gravel	permeable	permeable		2.1	6.4
sand/gravel	permeable	permeable, dry		2.5	6.4
GRAVEL/silt	ambiguous	permeable		3.3	6.4
sand/gravel	permeable	permeable		10.1	6.4
till	low	aquitard		0.3	6.4
sand/gravel	permeable	permeable		10.4	9.1
till	low	aquitard		0.9	9.1
sand/gravel	permeable	permeable		3.9	9.1
sand/gravel	permeable	permeable		1.2	5.2
sand/gravel	permeable	permeable, dry		4	5.2

sand/gravel	permeable	permeable		7	5.2
till	low	aquitard		3	5.2
bedrock	bedrock	bedrock aquifer		1.6	5.2
sand/gravel	permeable	permeable, dry		10.7	
till	low	aquitard		4.5	
bedrock	bedrock	bedrock aquifer		3.1	
sand/gravel	permeable	permeable, dry		4.6	6.7
sand/gravel	permeable	permeable		3	6.7
sand/gravel	permeable	permeable		9.2	6.7
sand/gravel	permeable	aquifer (uncor aquifer, uncor		4.9	
sand/gravel	permeable	aquifer (uncor aquifer, uncor		5.8	
sand/gravel	permeable	aquifer (uncor aquifer, uncor		5.7	
sand/gravel	permeable	aquifer (uncor aquifer, uncor		1.9	
GRAVEL/silt	ambiguous	ambiguous aquifer, uncor		2.1	
sand/gravel	permeable	aquifer (uncor aquifer, uncor		10.4	
sand/gravel	permeable	aquifer (uncor aquifer, uncor		2.1	
CLAY/sand	ambiguous	ambiguous aquifer, confir		31.1	1.5
sand/gravel	permeable	592 aquifer, confir		6.1	1.5
sand/gravel	permeable	592 aquifer, confir		0.6	1.5
till	low	aquitard aquifer, confir		0.6	1.5
clay	low	aquitard aquifer, confir		47.2	
GRAVEL/silt	permeable	592 aquifer, confir		3.1	
clay	low	aquitard aquifer, confir		30.5	
bedrock	bedrock	bedrock aquifer, confir		10.6	
well construction/development		aquifer, confir		6.1	
clay	low	aquitard		36.6	
bedrock	bedrock	595		18.3	
bedrock	bedrock	595		18.3	
bedrock	bedrock	595		18.2	
bedrock	bedrock	595		12.2	
CLAY/sand	ambiguous	ambiguous aquifer, confir		15.5	9.4
CLAY/gravel	low	aquitard aquifer, confir		4.3	9.4
CLAY/gravel	low	592 aquifer, confir		26.8	9.4
soil/organic	ambiguous	ambiguous		0.3	
CLAY/sand	low	aquitard		1.5	
sand/gravel	permeable	930		3.7	
sand/gravel	permeable	930		1.5	
silt/clay	low	aquitard		20.4	
soil/organic	ambiguous	ambiguous		0.3	
sand/gravel	permeable	930		1.8	
sand/gravel	permeable	930		4.6	
sand/gravel	permeable	930		2.4	

silt/clay	low	aquitard		10.4	
soil/organic	ambiguous	ambiguous		0.3	
CLAY/sand	low	aquitard		1.8	
sand/gravel	permeable		930	4.9	
sand/gravel	permeable		930	1.8	
silt/clay	low	aquitard		10.7	
soil/organic	ambiguous	ambiguous		0.3	
CLAY/sand	low	aquitard		1.8	
sand/gravel	permeable		930	5.5	
sand/gravel	permeable		930	0.9	
silt/clay	low	aquitard		11	
clay	low	aquitard		8.5	
boulder/grave	permeable	permeable, dry		1.6	
clay	low	aquitard		14.3	
bedrock	bedrock		451	0.9	
bedrock	bedrock		451	11.9	
bedrock	bedrock		451	1.8	
bedrock	bedrock		451	2.1	
bedrock	bedrock		451	5.8	
bedrock	bedrock		451	44.5	
CLAY/sand	ambiguous	ambiguous	bedrock	25.3	10.7
boulder/grave	permeable	permeable, dr	bedrock	0.6	10.7
till	low	aquitard	bedrock	4	10.7
bedrock	bedrock		451 bedrock	1.2	10.7
till	low	aquitard	bedrock	8.5	
CLAY/gravel	low	aquitard	bedrock	10.1	
bedrock	bedrock		448 bedrock	4.3	
bedrock	bedrock		448 bedrock	30.4	
bedrock	bedrock		448 bedrock	1.6	
bedrock	bedrock		448 bedrock	10.6	
bedrock	bedrock		448 bedrock	4	
bedrock	bedrock		448 bedrock	14.3	
sand/gravel	permeable	permeable, dry		3.7	18.9
clay	low	aquitard		21.3	18.9
bedrock	bedrock		451	2.1	18.9
clay	low	aquitard	aquifer, confir	9.1	
CLAY/gravel	low	aquitard	aquifer, confir	12.2	
clay	low	aquitard	aquifer, confir	19.8	
sand/gravel/cl	ambiguous	aquifer (confir	aquifer, confir	3.4	
CLAY/sand	ambiguous	ambiguous		2.1	15.5
sand/gravel	permeable	permeable, dry		0.9	15.5
bedrock	bedrock		451	1	15.5



bedrock	bedrock	451		0.3	15.5
bedrock	bedrock	451		3	15.5
bedrock	bedrock	451		10.1	15.5
bedrock	bedrock	451		3.6	15.5
clay	low	aquitard	451	5.8	
CLAY/gravel	low	aquitard	451	6.1	
sand/gravel	permeable	444	451	18.6	
clay	low	aquitard	451	1.8	
clay	low	aquitard	451	24.4	31.4
sand/gravel	permeable	444	451	12.2	31.4
bedrock	bedrock	bedrock aquif	451	12.2	31.4
bedrock	bedrock	bedrock aquifer		79.3	
clay	low	aquitard	bedrock	8.8	16.2
bedrock	bedrock	451	bedrock	2.5	16.2
bedrock	bedrock	451	bedrock	1.2	16.2
bedrock	bedrock	451	bedrock	3.3	16.2
bedrock	bedrock	451	bedrock	9.5	16.2
bedrock	bedrock	451	bedrock	2.1	16.2
till	low	aquitard	bedrock	20.7	21
bedrock	bedrock	451	bedrock	5.2	21
bedrock	bedrock	451	bedrock	6.1	
bedrock	bedrock	451	bedrock	6.1	21
clay	low	aquitard		22.9	71.6
bedrock	bedrock	634		2.7	71.6
bedrock	bedrock	634		11.3	71.6
bedrock	bedrock	634		1.2	71.6
bedrock	bedrock	634		1.5	71.6
bedrock	bedrock	634		5.5	71.6
bedrock	bedrock	634		2.4	71.6
bedrock	bedrock	634		26.6	71.6
bedrock	bedrock	634		8.2	71.6
clay	low	aquitard		6.1	30.5
CLAY/sand	ambiguous	ambiguous		3	30.5
boulder/grave	permeable	permeable, dry		1.6	30.5
clay	low	aquitard		48.1	30.5
bedrock	bedrock	451		2.2	30.5
clay	low	aquitard	bedrock	47.5	15.8
sand/gravel/cl	ambiguous	aquifer (Charl	bedrock	7.4	15.8
clay	low	aquitard	bedrock	5.5	15.8
bedrock	bedrock	451	bedrock	1.2	15.8
clay	low	aquitard	bedrock	5.8	18.3
bedrock	bedrock	451	bedrock	15.5	18.3

bedrock	bedrock	451	bedrock	1.6	18.3
bedrock	bedrock	451	bedrock	1.5	18.3
clay	low	aquitard		51.8	64
bedrock	bedrock	451		4.6	64
bedrock	bedrock	451		1.8	64
bedrock	bedrock	451		14.3	64
bedrock	bedrock	451		1.3	64
bedrock	bedrock	451		7.3	64
bedrock	bedrock	451		1.2	64
bedrock	bedrock	451		3.3	64
bedrock	bedrock	451		1.6	64
bedrock	bedrock	451		1.2	64
clay	low	aquitard	bedrock	3.4	53.3
till	low	aquitard	bedrock	3.9	53.3
bedrock	bedrock	451	bedrock	2.1	53.3
bedrock	bedrock	451	bedrock	8.9	53.3
bedrock	bedrock	451	bedrock	3	53.3
bedrock	bedrock	451	bedrock	4.9	53.3
bedrock	bedrock	451	bedrock	3.1	53.3
bedrock	bedrock	451	bedrock	7.9	53.3
bedrock	bedrock	451	bedrock	8.5	53.3
bedrock	bedrock	451	bedrock	2.8	53.3
bedrock	bedrock	451	bedrock	1.2	53.3
bedrock	bedrock	451	bedrock	5.2	53.3
bedrock	bedrock	451	bedrock	6.7	53.3
bedrock	bedrock	451	bedrock	3.6	53.3
bedrock	bedrock	451	bedrock	10.1	53.3
bedrock	bedrock	451	bedrock	0.9	53.3
bedrock	bedrock	451	bedrock	3.7	53.3
clay	low	aquitard	bedrock	11.3	19.5
bedrock	bedrock	451	bedrock	5.8	19.5
bedrock	bedrock	451	bedrock	0.9	19.5
bedrock	bedrock	451	bedrock	8.2	19.5
bedrock	bedrock	451	bedrock	1.2	19.5
till	low	aquitard	bedrock	6.7	
bedrock	bedrock	bedrock	aquif:bedrock	17.7	
bedrock	bedrock	bedrock	aquif:bedrock	4.6	
bedrock	bedrock	bedrock	aquif:bedrock	4.5	
bedrock	bedrock	bedrock	aquif:bedrock	11.3	
bedrock	bedrock	bedrock	aquif:bedrock	3.1	
bedrock	bedrock	bedrock	aquif:bedrock	3.3	
bedrock	bedrock	bedrock	aquif:bedrock	29.6	

bedrock	bedrock	bedrock aquif	bedrock	25.9	
bedrock	bedrock	bedrock aquif	bedrock	1.5	
bedrock	bedrock	bedrock aquif	bedrock	15.2	
bedrock	bedrock	bedrock aquif	bedrock	6.1	
bedrock	bedrock	bedrock aquif	bedrock	9.2	
bedrock	bedrock	bedrock aquif	bedrock	1.8	
bedrock	bedrock	bedrock aquif	bedrock	33.2	
bedrock	bedrock	bedrock aquif	bedrock	1	
bedrock	bedrock	bedrock aquif	bedrock	0.6	
CLAY/gravel	low	aquitard		4.3	
sand/gravel	permeable	aquifer (confined)		8.8	
bedrock	bedrock	bedrock aquifer		0.3	
till	low	aquitard		15.8	8.2
bedrock	bedrock	bedrock aquifer		0.4	8.2
bedrock	bedrock	bedrock aquifer		0.9	8.2
bedrock	bedrock	bedrock aquifer		0.6	8.2
bedrock	bedrock	bedrock aquifer		1.2	8.2
bedrock	bedrock	bedrock aquifer		3.7	8.2
bedrock	bedrock	bedrock aquifer		1.2	8.2
bedrock	bedrock	bedrock aquifer		0.6	8.2
clay	low	aquitard	aquifer, confir	18.3	34.4
silt/clay	low	aquitard	aquifer, confir	21.3	34.4
sand/gravel	permeable	594	aquifer, confir	9.2	34.4
till	low	aquitard	aquifer, confir	3	
clay	low	aquitard	aquifer, confir	18.3	
sand/gravel/cl	ambiguous	ambiguous	aquifer, confir	12.2	
CLAY/gravel	low	aquitard	aquifer, confir	6.1	
GRAVEL/silt	permeable	permeable	aquifer, confir	3.1	
till	low	590	aquifer, confir	6.1	
sand/gravel	permeable	permeable	aquifer, confir	0.9	
till	low	aquitard	aquifer, confir	5.5	
SAND/clay	ambiguous	ambiguous	aquifer, confir	1.2	
till	low	aquitard	aquifer, confir	8.2	
till	low	aquitard	aquifer, confir	2.5	
sand/gravel	permeable	590	aquifer, confir	6.1	
clay	low	aquitard	bedrock	4.9	18.3
bedrock	bedrock	639	bedrock	12.8	18.3
bedrock	bedrock	639	bedrock	0.9	18.3
bedrock	bedrock	639	bedrock	4	18.3
bedrock	bedrock	639	bedrock	0.6	18.3
bedrock	bedrock	639	bedrock	0.9	18.3
bedrock	bedrock	639	bedrock	11	18.3

bedrock	bedrock	639	bedrock	0.6	18.3
bedrock	bedrock	639	bedrock	0.9	18.3
bedrock	bedrock	639	bedrock	1.5	18.3
bedrock	bedrock	639	bedrock	2.4	18.3
bedrock	bedrock	639	bedrock	3.7	18.3
bedrock	bedrock	639	bedrock	8.2	18.3
bedrock	bedrock	639	bedrock	0.6	18.3
bedrock	bedrock	639	bedrock	0.6	18.3
bedrock	bedrock	639	bedrock	0.7	18.3
clay	low		aquitard	4.6	16.8
bedrock	bedrock	451		1.5	16.8
bedrock	bedrock	451		4	16.8
bedrock	bedrock	451		12.8	16.8
clay	low		aquitard	7.6	18.6
bedrock	bedrock	451		16.2	18.6
clay	low		aquitard	21.3	
GRAVEL/silt	ambiguous		ambiguous	aquifer, confir	1.6
clay	low		aquitard	aquifer, confir	25
sand/gravel	permeable		permeable	aquifer, confir	1.8
clay	low		aquitard	aquifer, confir	3.9
sand/gravel/cl	ambiguous		aquitard	aquifer, confir	1.9
clay	low		aquitard	aquifer, confir	3
bedrock	bedrock		bedrock	aquifer, confir	9.5
GRAVEL/silt	ambiguous		ambiguous	bedrock	21.3
bedrock	bedrock	451	bedrock		52.7
bedrock	bedrock	451	bedrock		52.7
bedrock	bedrock	451	bedrock		52.7
bedrock	bedrock	451	bedrock		52.7
bedrock	bedrock	451	bedrock		52.7
clay	low		aquitard		18.9
bedrock	bedrock	451			18.9
bedrock	bedrock	451			18.9
clay	low		aquitard	bedrock	6.4
sand/gravel	permeable		451	bedrock	6.4
bedrock	bedrock	451	bedrock		6.4
bedrock	bedrock	451	bedrock		6.4
bedrock	bedrock	451	bedrock		6.4
bedrock	bedrock	451	bedrock		6.4
bedrock	bedrock	451	bedrock		6.4
sand/gravel/cl	ambiguous		ambiguous		14
clay	low		aquitard		14
clay	low		aquitard	bedrock	10.4
bedrock	bedrock	451	bedrock		10.4

CLAY/gravel	low	aquitard	aquifer, confir	4	23.8
sand/gravel	permeable	aquifer (confir	aquifer, confir	1.5	23.8
clay	low	aquitard	aquifer, confir	21.9	23.8
sand/gravel	permeable	aquifer (confir	aquifer, confir	0.6	23.8
clay	low	aquitard	aquifer, confir	6.4	23.8
GRAVEL/silt	ambiguous	ambiguous		7.3	4.3
bedrock	bedrock	451		3.7	4.3
clay	low	aquitard	bedrock	13.7	13.4
bedrock	bedrock	639	bedrock	7	13.4
unknown/overburden				7.6	
GRAVEL/silt	ambiguous	ambiguous	bedrock	15.2	15.5
clay	low	aquitard	bedrock	17.4	15.5
clay	low	aquitard	bedrock	25.9	15.5
sand/gravel	permeable	aquifer (Charl	bedrock	9.2	15.5
sand/gravel	permeable	aquifer (Charl	bedrock	3	15.5
bedrock	bedrock	bedrock	aquif bedrock	2.5	15.5
clay	low	aquitard	bedrock	9.1	55.5
boulder/grave	permeable	permeable, dr	bedrock	0.3	55.5
clay	low	aquitard	bedrock	2.8	55.5
bedrock	bedrock	451	bedrock	30.8	55.5
bedrock	bedrock	451	bedrock	0.9	55.5
bedrock	bedrock	451	bedrock	4.9	55.5
bedrock	bedrock	451	bedrock	1.2	55.5
bedrock	bedrock	451	bedrock	11	55.5
bedrock	bedrock	451	bedrock	5.2	
sand/gravel	permeable	permeable, dr	bedrock	1.2	8.2
bedrock	bedrock	451	bedrock	7.9	8.2
bedrock	bedrock	451	bedrock	1.3	8.2
bedrock	bedrock	451	bedrock	2.4	8.2
bedrock	bedrock	451	bedrock	2.4	8.2
clay	low	aquitard		12.8	42.1
clay	low	aquitard		5.2	42.1
bedrock	bedrock	593		2.4	42.1
bedrock	bedrock	593		9.5	42.1
bedrock	bedrock	593		1.8	42.1
bedrock	bedrock	593		3.1	42.1
bedrock	bedrock	593		10.6	42.1
sand/gravel	permeable	592	aquifer, uncor	6.1	6.4
boulder/grave	permeable	592	aquifer, uncor	0.9	6.4
sand/gravel	permeable	592	aquifer, uncor	11.3	6.4
sand/gravel	permeable	592	aquifer, uncor	4.6	6.4
till	low	aquitard	aquifer, confir	92	22.9

sand/gravel	permeable		597 aquifer, confir	0.7	22.9
silt/clay	low	aquitard	aquifer, confir	5.1	22.9
sand/gravel	permeable		597 aquifer, confir	1	22.9
till	low	aquitard		15.2	
till	low	aquitard		1.3	
bedrock	bedrock		441	32.3	
bedrock	bedrock		441	7.6	
bedrock	bedrock		441	12.2	
till	low	aquitard	bedrock	47.5	40.5
bedrock	bedrock		593 bedrock	11.3	40.5
bedrock	bedrock		593 bedrock	1.2	40.5
bedrock	bedrock		593 bedrock	4.6	40.5
bedrock	bedrock		593 bedrock	2.5	40.5
bedrock	bedrock		593 bedrock	4.5	40.5
till	low	aquitard		14.6	
clay	low	aquitard		8.6	
bedrock	bedrock		931	6.4	
bedrock	bedrock		931	0.3	
bedrock	bedrock		931	9.4	
bedrock	bedrock		931	0.9	
bedrock	bedrock		931	7	
till	low	aquitard	bedrock	5.5	29
till	low	aquitard	bedrock	3.6	29
till	low	aquitard	bedrock	37.5	29
bedrock	bedrock		639 bedrock	2.8	29
bedrock	bedrock		639 bedrock	3.9	29
bedrock	bedrock		639 bedrock	1.3	29
bedrock	bedrock		639 bedrock	0.3	29
clay	low	aquitard		12.2	
sand/gravel/cl	ambiguous	ambiguous		1.8	
till	low	aquitard	bedrock	11.6	15.2
bedrock	bedrock		689 bedrock	18.3	15.2
bedrock	bedrock		689 bedrock	0.3	15.2
bedrock	bedrock		689 bedrock	1.2	15.2
bedrock	bedrock		689 bedrock	0.7	15.2
bedrock	bedrock		689 bedrock	3.3	15.2
till	low	aquitard		11.6	
bedrock	bedrock		639	5.2	
bedrock	bedrock		639	3	
bedrock	bedrock		639	4.6	
bedrock	bedrock		639	1.5	
bedrock	bedrock		639	2.4	

sand/gravel	permeable	permeable	923	1.5	
till	low	aquitard	923	7.6	
till	low	aquitard	923	8.6	
GRAVEL/silt	ambiguous	ambiguous	923	21.9	
GRAVEL/silt	ambiguous	ambiguous	923	6.1	
sand/gravel	permeable	923	923	4.6	
bedrock	bedrock	bedrock aquif	923	4.6	
CLAY/gravel	low	aquitard	451	4	53.9
GRAVEL/silt	ambiguous	ambiguous	451	28	53.9
till	ambiguous	ambiguous	451	2.4	53.9
sand/gravel	permeable	permeable, dr	451	19.5	53.9
sand/gravel	permeable	444	451	2.2	53.9
till	low	aquitard	451	3	53.9
bedrock	bedrock	bedrock aquif	451	39.4	53.9
sand/gravel	permeable	permeable		3.7	
sand/gravel	permeable	permeable		9.1	
sand/gravel	permeable	permeable		0.9	
SAND/clay	ambiguous	ambiguous		3.1	
clay	low	aquitard		4.5	
sand/gravel	permeable	908		4.6	
sand/gravel	permeable	908		1.5	
clay	low	aquitard		0.9	
sand/gravel	permeable	permeable, dry		0.6	
clay	low	aquitard		33.5	
clay	low	aquitard bedrock		12.2	
bedrock	bedrock	bedrock aquif bedrock		18.3	
till	low	aquitard bedrock		1.5	
bedrock	bedrock	932 bedrock		3.1	
bedrock	bedrock	932 bedrock		15.8	
bedrock	bedrock	932 bedrock		1.2	
bedrock	bedrock	932 bedrock		13.5	
clay	low	aquitard		2.1	
bedrock	bedrock	451		0.9	
bedrock	bedrock	451		3.1	
bedrock	bedrock	451		16.8	
clay	low	aquitard		4	20.4
clay	low	aquitard		11.5	20.4
GRAVEL/silt	ambiguous	ambiguous		1	20.4
bedrock	bedrock	bedrock aquifer		1.8	20.4
bedrock	bedrock	bedrock aquifer		2.4	20.4
bedrock	bedrock	bedrock aquifer		3.4	20.4
CLAY/sand	low	aquitard		3	

GRAVEL/silt	permeable	permeable	24.4	
sand/gravel	permeable	permeable	3.1	
clay	low	aquitard	53.3	
clay	low	aquitard	38.1	
clay	low	aquitard	3.7	
GRAVEL/silt	permeable	permeable	5.4	
sand/gravel	permeable	permeable	9.2	
clay	low	aquitard	3	
sand/gravel/cl	ambiguous	ambiguous	6.1	
bedrock	bedrock	bedrock aquifer	85.3	
bedrock	bedrock	bedrock aquifer	3.1	
bedrock	bedrock	bedrock aquifer	42.6	
sand/gravel	permeable	permeable, dr	12.2	aquifer, uncor
sand/gravel	permeable	permeable, dr	18.3	aquifer, uncor
sand/gravel	permeable	910 aquifer, uncor	6.1	
silt/clay	low	aquitard	67	aquifer, uncor
silt/clay	low	aquitard	3	
GRAVEL/silt	ambiguous	ambiguous	4.6	
sand/gravel	permeable	permeable	7.6	
sand/gravel	permeable	permeable	9.2	
silt	low	aquitard	6.1	
unknown/overburden			3.7	
till	low	aquitard	6.1	
bedrock	bedrock	bedrock aquifer	58.8	
clay	low	aquitard	12.2	30.5
bedrock	bedrock	bedrock aquifer	33.5	30.5
bedrock	bedrock	bedrock aquifer	18.3	30.5
bedrock	bedrock	bedrock aquifer	57.9	30.5
sand/gravel	permeable	permeable	2.4	73.2
sand/gravel	permeable	permeable	11.3	73.2
silt/clay	low	aquitard	21.4	73.2
till	low	aquitard	10.6	73.2
CLAY/sand	low	aquitard	27.5	73.2
silt/clay	low	aquitard	30.4	73.2
silt	low	aquitard	30.5	73.2
sand/gravel	permeable	623	12.2	73.2
sand/gravel	permeable	623	1.5	73.2
GRAVEL/silt	ambiguous	ambiguous	1.6	73.2
sand/gravel	permeable	permeable	1.5	73.2
silt/clay	low	aquitard	46.9	30.5
sand/gravel	permeable	permeable	1.9	30.5
sand/gravel	permeable	permeable, dry	0.3	



clay	low	aquitard		6.1	
bedrock	bedrock	bedrock aquifer		0.9	
bedrock	bedrock	bedrock aquifer		9.4	
clay	low	aquitard	bedrock	25.9	
bedrock	bedrock	933	bedrock	0.2	
bedrock	bedrock	933	bedrock	5.6	
bedrock	bedrock	933	bedrock	7.3	
bedrock	bedrock	933	bedrock	0.6	
bedrock	bedrock	933	bedrock	0.9	
bedrock	bedrock	933	bedrock	0.6	
bedrock	bedrock	933	bedrock	4.6	
bedrock	bedrock	933	bedrock	0.3	
bedrock	bedrock	933	bedrock	4.3	
clay	low	aquitard	aquifer, confir	13.7	10.4
sand/gravel	permeable	permeable, dr	aquifer, confir	0.3	10.4
clay	low	aquitard	aquifer, confir	12.8	10.4
sand/gravel	permeable	aquifer (confir	aquifer, confir	0.3	10.4
clay	low	aquitard	aquifer, confir	9.5	10.4
yield/groundw	ambiguous	ambiguous	aquifer, confir	4.2	10.4
yield/groundw	ambiguous	ambiguous	aquifer, confir	0.7	10.4
tbd			aquifer, confir	11	
bedrock	bedrock	bedrock aquif	aquifer, confir	1.5	10.4
bedrock	bedrock	bedrock aquifer		3.1	
bedrock	bedrock	bedrock aquifer		3.6	
sand/gravel	permeable	931		6.1	
clay	low	aquitard		6.1	
bedrock	bedrock	931		12.2	
bedrock	bedrock	931		25.9	
bedrock	bedrock	931		7.6	
bedrock	bedrock	931		30.5	
bedrock	bedrock	931		3	
bedrock	bedrock	931		58	
bedrock	bedrock	931		9.1	
bedrock	bedrock	931		7.6	
bedrock	bedrock	931		2.1	
bedrock	bedrock	931		2.5	
bedrock	bedrock	931		6.1	
bedrock	bedrock	931		10.7	
bedrock	bedrock	931		22.8	
bedrock	bedrock	931		9.2	
bedrock	bedrock	931		3	
bedrock	bedrock	931		3.1	

bedrock	bedrock	931		18.2	
bedrock	bedrock	931		4.6	
bedrock	bedrock	931		1.5	
bedrock	bedrock	931		3.1	
bedrock	bedrock	931		9.1	
soil/organic	low	aquitard	aquifer, confir	0.9	22.9
till	low	aquitard	aquifer, confir	18.9	22.9
till	low	aquitard	aquifer, confir	7.6	22.9
yield/groundw	ambiguous	aquifer (confir	aquifer, confir	1.6	22.9
clay	low	aquitard	aquifer, confir	1.5	22.9
till	low	aquitard	626	12.2	
silt	low	aquitard	626	24.4	
till	low	aquitard	626	6.1	
till	low	aquitard	626	9.1	
till	low	aquitard	626	9.2	
till	low	626	626	8.5	
till	low	626	626	1.8	
bedrock	bedrock	bedrock aquif	626	7.3	
soil/organic	ambiguous	ambiguous	bedrock	0.3	
clay	low	aquitard	bedrock	2.7	
till	low	aquitard	bedrock	14.7	
bedrock	bedrock	622	bedrock	0.9	
bedrock	bedrock	622	bedrock	4.9	
bedrock	bedrock	622	bedrock	25.3	
bedrock	bedrock	622	bedrock	9.7	
bedrock	bedrock	622	bedrock	0.9	
bedrock	bedrock	622	bedrock	2.2	
bedrock	bedrock	622	bedrock	0.6	
bedrock	bedrock	622	bedrock	19.2	
bedrock	bedrock	622	bedrock	0.3	
bedrock	bedrock	622	bedrock	1.8	
bedrock	bedrock	622	bedrock	0.3	
till	low	aquitard	bedrock	1.2	
clay	low	aquitard	bedrock	40.3	
bedrock	bedrock	bedrock aquif	bedrock	6.7	
bedrock	bedrock	bedrock aquif	bedrock	20.1	
sand/gravel	permeable	440	440	10.7	25.6
silt/clay	low	aquitard	440	42.6	25.6
sand/gravel	permeable	permeable	440	5.5	25.6
SAND/clay	ambiguous	440	440	15.9	25.6
sand/gravel	permeable	440	440	9.1	25.6
GRAVEL/silt	ambiguous	440	440	4.6	25.6

sand/gravel	permeable		440	440	6.1	25.6
GRAVEL/silt	ambiguous		440	440	4.6	25.6
sand/gravel	permeable		440	440	2.1	25.6
GRAVEL/silt	ambiguous		440	440	5.5	25.6
sand/gravel	permeable		440	440	23.1	25.6
sand/gravel	permeable		440	440	3.7	25.6
sand/gravel	permeable		440	440	1.2	25.6
sand/gravel	permeable		440	440	4	25.6
silt	low	aquitard			6.1	85
GRAVEL/silt	ambiguous	ambiguous			6.1	85
GRAVEL/silt	ambiguous	ambiguous			22.9	85
clay	low	aquitard			6	85
sand/gravel	permeable	permeable, dry			7.7	85
bedrock	bedrock		451		4.8	85
bedrock	bedrock		451		13.5	85
bedrock	bedrock		451		4.2	85
bedrock	bedrock		451		1.9	85
bedrock	bedrock		451		3.9	85
bedrock	bedrock		451		14.3	85
bedrock	bedrock		451		3.1	85
bedrock	bedrock		451		1.5	85
bedrock	bedrock		451		0.6	85
bedrock	bedrock		451		1.9	85
bedrock	bedrock		451		0.6	85
bedrock	bedrock		451		6.1	85
bedrock	bedrock		451		2.7	85
bedrock	bedrock		451		14	85
clay	low	aquitard			4.6	6.1
bedrock	bedrock		689		7.6	6.1
bedrock	bedrock		689		48.8	6.1
sand/gravel	permeable		442 687-442		3.4	3
sand/gravel	permeable		442 687-442		1.8	3
sand/gravel	permeable	permeable, dry			2.8	
clay	low	aquitard			17.6	
bedrock	bedrock	bedrock aquifer			1.6	
bedrock	bedrock	bedrock aquifer			8.5	
bedrock	bedrock	bedrock aquifer			7.3	
bedrock	bedrock	bedrock aquifer			9.2	
clay	low	aquitard		bedrock	18.3	82.3
bedrock	bedrock		451	bedrock	14.3	82.3
bedrock	bedrock		451	bedrock	19.8	82.3
bedrock	bedrock		451	bedrock	0.6	82.3

bedrock	bedrock	451	bedrock	3.4	82.3
bedrock	bedrock	451	bedrock	40.5	82.3
bedrock	bedrock	451	bedrock	3.7	82.3
bedrock	bedrock	451	bedrock	1.5	82.3
bedrock	bedrock	451	bedrock	8.5	82.3
bedrock	bedrock	451	bedrock	3.7	82.3
bedrock	bedrock	451	bedrock	2.4	82.3
till	low	aquitard	bedrock	6.7	22.1
bedrock	bedrock	451	bedrock	4	22.1
bedrock	bedrock	451	bedrock	25.9	22.1
sand/gravel/clay	ambiguous	ambiguous	bedrock	5.2	24.1
clay	low	aquitard	bedrock	16.1	24.1
sand/gravel	permeable	permeable, dr	bedrock	2.5	24.1
bedrock	bedrock	451	bedrock	18.9	24.1
bedrock	bedrock	451	bedrock	12.2	24.1
bedrock	bedrock	451	bedrock	1.5	24.1
bedrock	bedrock	451	bedrock	4.6	24.1
clay	low	aquitard	bedrock	19.2	18.3
bedrock	bedrock	451	bedrock	3.7	18.3
bedrock	bedrock	451	bedrock	3.3	18.3
clay	low	aquitard		11	3.7
till	low	aquitard		2.7	3.7
clay	low	aquitard		2.1	3.7
bedrock	bedrock	928		10.1	3.7
bedrock	bedrock	928		44.2	3.7
clay	low	aquitard		11	6.7
clay	low	aquitard		21.3	6.7
bedrock	bedrock	928		38.7	6.7
clay	low	aquitard	bedrock	9.8	
boulder/gravel	permeable	aquitard	bedrock	5.4	
bedrock	bedrock	928	bedrock	15.9	
bedrock	bedrock	451	bedrock	3.4	
bedrock	bedrock	451	bedrock	29.2	
bedrock	bedrock	451	bedrock	4	
bedrock	bedrock	451	bedrock	8.5	
bedrock	bedrock	451	bedrock	15.3	
bedrock	bedrock	451	bedrock	3.9	
bedrock	bedrock	451	bedrock	15.9	
bedrock	bedrock	451	bedrock	5.8	
clay	low	aquitard	bedrock	10.4	
bedrock	bedrock	451	bedrock	0.3	
clay	low	aquitard	bedrock	4.5	

bedrock	bedrock	451	bedrock	15.3	
bedrock	bedrock	451	bedrock	4.6	
bedrock	bedrock	451	bedrock	1.5	
bedrock	bedrock	451	bedrock	5.2	
bedrock	bedrock	451	bedrock	1.2	
bedrock	bedrock	451	bedrock	7.9	
bedrock	bedrock	451	bedrock	5.5	
clay	low	aquitard	bedrock	3.7	15.5
bedrock	bedrock	451	bedrock	8.5	15.5
bedrock	bedrock	451	bedrock	18.3	15.5
clay	low	aquitard		10.7	14.6
bedrock	bedrock	928		25.9	14.6
CLAY/sand	ambiguous	ambiguous	bedrock	16.8	47.5
clay	low	aquitard	bedrock	50	47.5
SAND/clay	ambiguous	ambiguous	bedrock	5.1	47.5
clay	low	aquitard	bedrock	13.7	47.5
GRAVEL/silt	ambiguous	aquifer (Charl	bedrock	3.4	47.5
bedrock	bedrock	bedrock aquif	bedrock	3	47.5
bedrock	bedrock	bedrock aquifer		6.1	100
bedrock	bedrock	bedrock aquifer		19.2	100
bedrock	bedrock	bedrock aquifer		1	100
bedrock	bedrock	bedrock aquifer		3.6	100
bedrock	bedrock	bedrock aquifer		7	100
bedrock	bedrock	bedrock aquifer		0.9	100
bedrock	bedrock	bedrock aquifer		1.9	100
bedrock	bedrock	bedrock aquifer		9.1	100
bedrock	bedrock	bedrock aquifer		3.7	100
bedrock	bedrock	bedrock aquifer		4.9	100
bedrock	bedrock	bedrock aquifer		0.9	100
bedrock	bedrock	bedrock aquifer		2.1	100
bedrock	bedrock	bedrock aquifer		0.9	100
bedrock	bedrock	bedrock aquifer		7.3	100
clay	low	aquitard	bedrock	10.7	22.9
bedrock	bedrock	639	bedrock	9.1	22.9
bedrock	bedrock	639	bedrock	1.5	22.9
bedrock	bedrock	639	bedrock	15.3	22.9
clay	low	aquitard	bedrock	1.8	61.6
till	low	aquitard	bedrock	7.3	61.6
bedrock	bedrock	639	bedrock	19.2	61.6
bedrock	bedrock	639	bedrock	8.3	61.6
bedrock	bedrock	639	bedrock	0.3	61.6
bedrock	bedrock	639	bedrock	6.1	61.6

bedrock	bedrock	639	bedrock	8.8	61.6
bedrock	bedrock	639	bedrock	23.5	61.6
bedrock	bedrock	639	bedrock	31.4	61.6
bedrock	bedrock	639	bedrock	0.3	61.6
bedrock	bedrock		bedrock aquifer	53.7	
bedrock	bedrock		bedrock aquifer	39.6	125
CLAY/gravel	low		aquitard	118.9	125
bedrock	bedrock		bedrock aquifer	51.8	125
bedrock	bedrock		bedrock aquifer	6.1	125
till	low		aquitard	10.7	
SAND/clay	ambiguous		ambiguous	5.1	
GRAVEL/silt	permeable		permeable	11	
bedrock	bedrock	934	bedrock	64.6	
till	low		aquitard	117.7	125.3
bedrock	bedrock		bedrock aquifer	1.5	125.3
bedrock	bedrock		bedrock aquifer	51.5	125.3
bedrock	bedrock		bedrock aquifer	6.1	125.3
till	low		aquitard	70.1	
bedrock	bedrock	931		53.3	
bedrock	bedrock	931		27.5	
bedrock	bedrock	931		7.6	
CLAY/gravel	low		aquitard	4.3	22.6
bedrock	bedrock	634		24.7	22.6
bedrock	bedrock	634		4.5	22.6
bedrock	bedrock	634		23.8	22.6
bedrock	bedrock	634		3.1	22.6
bedrock	bedrock	634		33.2	22.6
bedrock	bedrock	634		26.8	22.6
bedrock	bedrock	634		1.5	22.6
clay	low		aquitard	48.8	21.6
CLAY/gravel	low		aquitard	10.6	21.6
bedrock	bedrock	595		7.7	21.6
CLAY/gravel	low		aquitard	7	20.1
bedrock	bedrock	451		29.6	20.1
CLAY/gravel	low		aquitard	10.7	10.7
bedrock	bedrock	451		8.2	10.7
GRAVEL/silt	permeable		permeable	5.2	
CLAY/gravel	low		aquitard	3.7	
till	ambiguous		aquitard	4.2	
sand/gravel	permeable	444		3.7	
CLAY/sand	low		aquitard	6.7	
sand/gravel	permeable		aquifer (confined)	31.4	

bedrock	bedrock	bedrock aquifer	4.6	
CLAY/sand	low	aquitard	5.5	
sand/gravel	permeable	aquifer (confined)	37.8	
bedrock	bedrock	bedrock aquifer	3.9	
sand/gravel	permeable	permeable	4.9	
sand/gravel	permeable	permeable	4.9	
sand/gravel	permeable	permeable	28.6	
sand/gravel	permeable	permeable	28.6	
clay	low	aquitard	5.5	12.2
bedrock	bedrock	634	2.1	12.2
bedrock	bedrock	634	0.6	12.2
bedrock	bedrock	634	4.6	12.2
bedrock	bedrock	634	7	12.2
bedrock	bedrock	634	0.6	12.2
bedrock	bedrock	634	1.9	12.2
clay	low	aquitard	15.2	19.2
clay	low	aquitard	6.1	19.2
bedrock	bedrock	639	0.6	19.2
bedrock	bedrock	639	3.1	19.2
till	low	aquitard	2.4	18.1
bedrock	bedrock	451	3.7	18.1
bedrock	bedrock	451	12.2	18.1
bedrock	bedrock	451	1.5	18.1
bedrock	bedrock	451	3.7	18.1
clay	low	aquitard	25.6	24.4
bedrock	bedrock	451	1.2	24.4
bedrock	bedrock	451	2.8	24.4
bedrock	bedrock	451	2.4	24.4
clay	low	aquitard	8.5	21.2
bedrock	bedrock	451	1.9	21.2
bedrock	bedrock	451	4.8	21.2
bedrock	bedrock	451	5.2	21.2
bedrock	bedrock	451	0.3	21.2
bedrock	bedrock	451	5.2	21.2
bedrock	bedrock	451	1.5	21.2
clay	low	aquitard	6.1	12
clay	low	aquitard	9.1	12
bedrock	bedrock	451	6.1	12
silt/clay	low	aquitard	7.6	20.6
clay	low	aquitard	13.1	20.6
bedrock	bedrock	451	6.7	20.6
till	low	aquitard	7.6	13.4

clay	low	aquitard		7.6	13.4
bedrock	bedrock		451	12.8	13.4
silt/clay	low	aquitard		8.2	40.2
sand/gravel	permeable	permeable, dry		0.6	40.2
sand/gravel	permeable	permeable, dry		3.4	40.2
clay	low	aquitard		21.3	40.2
clay	low	aquitard		5.5	40.2
bedrock	bedrock		451	6.1	40.2
unknown/overburden				1.8	
bedrock	bedrock		451	0.3	40.2
bedrock	bedrock		451	0.6	40.2
clay	low	aquitard		37.8	11.6
till	low	aquitard		0.6	11.6
bedrock	bedrock	bedrock aquifer		4.3	11.6
clay	low	aquitard		30.2	45.9
boulder/gravel	permeable	permeable, dry		0.6	45.9
clay	low	aquitard		6.1	12.7
clay	low	aquitard		16.8	12.7
sand/gravel	permeable	permeable, dry		0.9	12.7
SAND/clay	ambiguous	ambiguous		2.7	12.7
till	low	aquitard		0.6	12.7
bedrock	bedrock		451	2.5	12.7
clay	low	aquitard	630	9.1	30.5
till	low	aquitard	630	21.4	30.5
sand/gravel	permeable	permeable	630	35	30.5
sand/gravel	permeable	permeable	630	7.7	30.5
clay	low	aquitard	630	28.9	30.5
sand/gravel	permeable		630	630	6.1
bedrock	bedrock	bedrock aquif	630	1.5	30.5
bedrock	bedrock		451	4	
clay	low	aquitard		5.8	
bedrock	bedrock		451	7	
CLAY/sand	low	aquitard		16.8	36.6
bedrock	bedrock		917	68.5	36.6
CLAY/sand	low	aquitard	923	12.2	9.1
silt/clay	low	aquitard	923	12.2	9.1
GRAVEL/silt	ambiguous	ambiguous	923	9.1	9.1
sand/gravel	permeable		923	923	2.5
clay	low	aquitard		15.2	36.6
sand/gravel	permeable	permeable, dry		14.7	36.6
sand/gravel/cl	ambiguous	ambiguous		8.2	36.6
bedrock	bedrock		451	117.3	36.6



clay	low	aquitard		7	
sand/gravel	permeable	permeable, dry		3.7	
clay	low	aquitard		6.7	
clay	low	aquitard		8.5	
CLAY/sand	ambiguous	ambiguous		13.7	
sand/gravel	permeable	permeable, dry		9.2	
bedrock	bedrock	bedrock aquifer		1.5	
clay	low	aquitard	charlie lake ct	85.3	54.9
sand/gravel	permeable	aquifer (Charl	charlie lake ct	3.1	54.9
bedrock	bedrock	bedrock aquif	charlie lake ct	3	54.9
silt/clay	low	aquitard	630	2.4	36.6
silt	low	aquitard	630	46.4	36.6
till	low	aquitard	630	4.5	36.6
GRAVEL/silt	ambiguous		630 630	3.1	36.6
GRAVEL/silt	ambiguous		630 630	3	36.6
GRAVEL/silt	ambiguous		630 630	1.6	36.6
silt/clay	low	aquitard	630	0.9	
sand/gravel	permeable	aquitard	630	47.9	
silt/clay	low	aquitard	630	15.2	
GRAVEL/silt	ambiguous	aquitard	630	27.4	
CLAY/sand	low	aquitard	630	24.4	
GRAVEL/silt	ambiguous		630 630	3.1	
CLAY/sand	low	aquitard		4.3	
bedrock	bedrock	bedrock aquifer		56.7	
till	low	aquitard		16.8	15.2
bedrock	bedrock		688	1.5	15.2
bedrock	bedrock		688	97.5	15.2
till	low	aquitard		7	18.3
bedrock	bedrock		688	84.4	18.3
sand/gravel	permeable	permeable		14	
sand/gravel	permeable	permeable		4.6	
till	low	aquitard		7.6	2.4
bedrock	bedrock		591	29	2.4
GRAVEL/silt	ambiguous	ambiguous	923	22.9	3
sand/gravel	permeable		923 923	1.5	3
clay	low	aquitard	923	0.6	3
sand/gravel	permeable	permeable		3	3
sand/gravel	permeable	permeable		9.2	3
clay	low	aquitard		4.6	67.1
clay	low	aquitard		11.2	67.1
bedrock	bedrock		451	12.5	67.1
bedrock	bedrock		451	2.2	67.1

bedrock	bedrock		451	12.2	67.1
bedrock	bedrock		451	39.6	67.1
bedrock	bedrock		451	6.4	67.1
bedrock	bedrock		451	16.2	67.1
bedrock	bedrock		451	3.6	67.1
bedrock	bedrock		451	9.2	67.1
bedrock	bedrock		451	19.5	67.1
bedrock	bedrock		451	12.2	67.1
clay	low	aquitard		16.8	79.6
clay	low	aquitard		9.7	79.6
bedrock	bedrock		451	0.3	79.6
bedrock	bedrock		451	13.4	79.6
bedrock	bedrock		451	0.3	79.6
bedrock	bedrock		451	3	79.6
bedrock	bedrock		451	3.1	79.6
bedrock	bedrock		451	5.5	79.6
bedrock	bedrock		451	6	79.6
bedrock	bedrock		451	12.8	79.6
bedrock	bedrock		451	18.3	79.6
bedrock	bedrock		451	4.6	79.6
clay	low	aquitard		0.6	14.1
sand/gravel	permeable	permeable, dry		0.6	14.1
SAND/clay	ambiguous	ambiguous		4.9	14.1
clay	low	aquitard		4	14.1
clay	low	aquitard		1.5	14.1
clay	low	aquitard		3.3	14.1
bedrock	bedrock		451	0.6	14.1
bedrock	bedrock		451	1.6	14.1
bedrock	bedrock		451	1.2	14.1
clay	low	aquitard		1.5	
bedrock	bedrock		451	6.1	
bedrock	bedrock		451	43.9	
boulder/grave	permeable		451	0.6	
bedrock	bedrock		451	36.6	
bedrock	bedrock		451	2.7	
bedrock	bedrock		451	18.3	
bedrock	bedrock		451	57.9	
sand/gravel	permeable	permeable, dr	923	3	9.1
sand/gravel	permeable	permeable, dr	923	2.5	9.1
SAND/clay	ambiguous	ambiguous	923	11.3	9.1
sand/gravel	permeable	permeable	923	3	9.1
sand/gravel	permeable		923	4.6	9.1

CLAY/sand	ambiguous	ambiguous	aquifer, confir	6.1	33.5
sand/gravel	permeable	permeable	aquifer, confir	27.4	33.5
CLAY/sand	ambiguous	ambiguous	aquifer, confir	21.4	33.5
sand/gravel	permeable	590	aquifer, confir	3	33.5
sand/gravel	permeable	590	aquifer, confir	3.1	33.5
sand/gravel	permeable	permeable, dr	630	21.3	30.5
sand/gravel/cl	ambiguous	aquitard	630	3.1	30.5
sand/gravel	permeable	aquitard	630	100.6	30.5
sand/gravel	permeable	630	630	1.6	30.5
tbd				0.6	
well construction/development				4.6	
tbd				43.7	
CLAY/sand	ambiguous	ambiguous		7.6	30.5
silt/clay	low	aquitard		16.8	30.5
till	low	aquitard		10.7	30.5
bedrock	bedrock	591		56.3	30.5
silt/clay	low	aquitard		9.1	
till	low	aquitard		4.6	
sand/gravel	permeable	aquifer (confined)		4.6	
tbd				0.3	
well construction/development				5.8	
tbd				6.1	
tbd				115.8	
tbd				0.1	
well construction/development				5.4	
tbd				116.4	
soil/organic	ambiguous	ambiguous		2.4	
sand/gravel	permeable	permeable		6.1	
sand/gravel	permeable	permeable		5.2	
bedrock	bedrock	bedrock aquifer		6.1	
bedrock	bedrock	634		1.2	
bedrock	bedrock	634		7.9	
bedrock	bedrock	634		15	
bedrock	bedrock	634		0.6	
bedrock	bedrock	634		13.7	
bedrock	bedrock	634		0.6	
bedrock	bedrock	634		39.9	
bedrock	bedrock	634		17.7	
bedrock	bedrock	634		0.6	
bedrock	bedrock	634		10.1	
bedrock	bedrock	634		12.2	
bedrock	bedrock	634		6.7	

GRAVEL/silt	ambiguous	ambiguous	charlie lake ct	24.4	16.2
clay	low	aquitard	charlie lake ct	33.5	16.2
sand/gravel	permeable	aquifer (Charl	charlie lake ct	7.6	16.2
bedrock	bedrock	bedrock aquif	charlie lake ct	1.9	16.2
bedrock	bedrock	bedrock aquif	charlie lake ct	0.9	16.2
clay	low	aquitard		5.2	3.5
sand/gravel	permeable		451	1.2	
bedrock	bedrock		451	2.4	3.5
clay	low	aquitard		12.2	
clay	low	aquitard		4.9	
bedrock	bedrock		932	1.2	
bedrock	bedrock		932	19.2	
bedrock	bedrock		932	0.3	
bedrock	bedrock		932	1.8	
sand/gravel	permeable	permeable, dry		1.8	9.6
clay	low	aquitard		7.6	9.6
sand/gravel	permeable	permeable, dry		1	9.6
bedrock	bedrock		451	2.4	9.6
clay	low	aquitard		4.3	20.1
bedrock	bedrock		451	4.8	20.1
bedrock	bedrock		451	7.1	20.1
bedrock	bedrock		451	3.9	20.1
bedrock	bedrock		451	5.8	20.1
clay	low	aquitard		1.5	
clay	low	aquitard		10.7	
bedrock	bedrock		928	53.3	
bedrock	bedrock		928	4.6	
bedrock	bedrock		928	57.9	
clay	low	aquitard		7.6	39
bedrock	bedrock		451	6.4	39
bedrock	bedrock		451	7.3	39
bedrock	bedrock		451	40	39
bedrock	bedrock		451	15.5	39
clay	low	aquitard		1.2	103.3
bedrock	bedrock		451	3.4	103.3
bedrock	bedrock		451	4.5	103.3
bedrock	bedrock		451	11.9	103.3
bedrock	bedrock		451	8.9	103.3
bedrock	bedrock		451	57.9	103.3
bedrock	bedrock		451	29.2	103.3
bedrock	bedrock		451	20.2	103.3
bedrock	bedrock		451	3	103.3

bedrock	bedrock	451	8.8	103.3
bedrock	bedrock	451	0.7	103.3
bedrock	bedrock	451	4.8	103.3
soil/organic	ambiguous	ambiguous	0.5	29
bedrock	bedrock	451	4.4	29
bedrock	bedrock	451	24.1	29
bedrock	bedrock	451	11.2	29
bedrock	bedrock	451	2.8	29
bedrock	bedrock	451	1.5	29
bedrock	bedrock	451	0.3	29
clay	low	aquitard	6.1	13.4
clay	low	aquitard	2.4	13.4
bedrock	bedrock	639	1.3	13.4
bedrock	bedrock	639	3	13.4
bedrock	bedrock	639	5.8	13.4
bedrock	bedrock	639	2.4	13.4
bedrock	bedrock	639	0.3	13.4
sand/gravel	permeable	aquitard	0.6	1.8
clay	low	aquitard	11	1.8
till	low	aquitard	2.1	1.8
bedrock	bedrock	928	19.8	1.8
clay	low	aquitard	14.9	
bedrock	bedrock	451	1.9	
bedrock	bedrock	451	3.6	
bedrock	bedrock	451	19.5	
CLAY/sand	ambiguous	ambiguous	6.1	7
boulder/grave	permeable	permeable, dry	0.6	7
clay	low	aquitard	4.6	7
bedrock	bedrock	bedrock aquifer	5.5	7
sand/gravel/cl	ambiguous	ambiguous	36.6	
unknown/overburden			7	
GRAVEL/silt	ambiguous	ambiguous	1.5	
SAND/clay	ambiguous	ambiguous	40.2	
sand/gravel	permeable	permeable	32	
SAND/clay	ambiguous	ambiguous	10.7	
SAND/clay	ambiguous	ambiguous	0.9	
CLAY/sand	low	aquitard	70.7	
sand/gravel	permeable	permeable	32	
CLAY/gravel	low	aquitard	4.9	
sand/gravel/cl	ambiguous	ambiguous	1.8	
clay	low	aquitard	4.6	
bedrock	bedrock	591	7	

bedrock	bedrock		591		37.2	
soil/organic	low	aquitard	bedrock		0.5	0.3
soil/organic	low	aquitard	bedrock		1.2	0.3
clay	low	aquitard	bedrock		1.3	0.3
bedrock	bedrock		448	bedrock	3.1	0.3
bedrock	bedrock		448	bedrock	1.8	0.3
bedrock	bedrock		448	bedrock	6.1	0.3
clay	low	aquitard		451	9.1	
CLAY/sand	ambiguous	ambiguous		451	4.3	
sand/gravel	permeable		444	451	1.5	
clay	low	aquitard		451	55.2	
sand/gravel	permeable		444	451	7.6	
bedrock	bedrock	bedrock	aquif	451	13.7	
clay	low	aquitard			8.2	16.6
bedrock	bedrock		451		10.1	16.6
bedrock	bedrock		451		12.2	16.6
clay	low	aquitard			1.8	14.3
bedrock	bedrock		451		1.6	14.3
bedrock	bedrock		451		0.9	14.3
bedrock	bedrock		451		6.4	14.3
bedrock	bedrock		451		3.3	14.3
bedrock	bedrock		451		2.5	14.3
bedrock	bedrock		451		4.8	14.3
clay	low	aquitard	bedrock		4.9	8.4
bedrock	bedrock		451	bedrock	3.6	8.4
bedrock	bedrock		451	bedrock	2.2	8.4
bedrock	bedrock		451	bedrock	1.5	8.4
bedrock	bedrock		451	bedrock	28.3	8.4
bedrock	bedrock		451	bedrock	1	8.4
bedrock	bedrock		451	bedrock	23.4	8.4
CLAY/sand	ambiguous	ambiguous	bedrock		14.3	14.6
bedrock	bedrock		451	bedrock	13.1	14.6
clay	low	aquitard			3.7	
clay	low	aquitard			2.4	
SAND/clay	ambiguous	ambiguous			19.9	
clay	low	aquitard			19.8	
GRAVEL/silt	ambiguous	ambiguous			4.5	
clay	low	aquitard			4.6	
SAND/clay	ambiguous	ambiguous			4.6	
clay	low	aquitard			1.5	
clay	low	aquitard			6.1	45.9
clay	low	aquitard			33.5	45.9

clay	low	aquitard		4	45.9
CLAY/sand	ambiguous	ambiguous		4.3	45.9
bedrock	bedrock	451		3.3	45.9
bedrock	bedrock	451		0.6	45.9
till	low	aquitard		6.7	7.8
boulder/grave	permeable	permeable, dry		0.3	7.8
bedrock	bedrock	451		11.3	7.8
bedrock	bedrock	451		3.3	7.8
silt	low	aquitard		1.2	14.2
clay	low	aquitard		2.6	14.2
bedrock	bedrock	451		2.9	14.2
bedrock	bedrock	451		3.7	14.2
bedrock	bedrock	451		26.2	14.2
clay	low	aquitard		18.3	23.5
bedrock	bedrock	639		6.1	23.5
bedrock	bedrock	639		1.2	23.5
bedrock	bedrock	639		5.8	23.5
bedrock	bedrock	451		9.1	17.2
bedrock	bedrock	451		7.7	17.2
bedrock	bedrock	451		5.5	17.2
bedrock	bedrock	451		5.4	17.2
tbd	ambiguous	ambiguous		6.1	45.7
unknown/over	ambiguous	ambiguous		9.1	45.7
tbd	ambiguous	ambiguous		1.6	45.7
unknown/over	ambiguous	ambiguous		9.1	45.7
tbd	ambiguous	ambiguous		1.5	45.7
unknown/over	ambiguous	ambiguous		1.6	45.7
tbd	ambiguous	ambiguous		9.1	45.7
unknown/over	ambiguous	ambiguous		6.1	45.7
tbd	ambiguous	ambiguous		1.5	45.7
unknown/over	ambiguous	ambiguous		1.5	45.7
tbd	ambiguous	ambiguous		15.3	45.7
unknown/over	ambiguous	ambiguous		6.1	45.7
tbd	ambiguous	ambiguous		1.5	45.7
sand/gravel	permeable	440	440	10.7	25.5
silt/clay	low	aquitard	440	42.6	25.5
sand/gravel	permeable	440	440	5.5	25.5
SAND/clay	ambiguous	440	440	15.9	25.5
sand/gravel	permeable	440	440	9.1	25.5
GRAVEL/silt	ambiguous	440	440	4.6	25.5
sand/gravel	permeable	440	440	6.1	25.5
GRAVEL/silt	ambiguous	440	440	4.6	25.5

sand/gravel	permeable		440	440	2.1	25.5
GRAVEL/silt	ambiguous		440	440	5.5	25.5
sand/gravel	permeable		440	440	23.1	25.5
sand/gravel	permeable		440	440	3.7	25.5
sand/gravel	permeable		440	440	1.2	25.5
sand/gravel	permeable		440	440	4	25.5
silt	low	aquitard		bedrock	7.6	
clay	low	aquitard		bedrock	9.5	
bedrock	bedrock	bedrock	aquif.	bedrock	153.6	
silt	low	aquitard		bedrock	4.3	
clay	low	aquitard		bedrock	3.3	
bedrock	bedrock	bedrock	aquif.	bedrock	163.1	
bedrock	bedrock	bedrock	aquifer		158.5	
bedrock	bedrock	bedrock	aquif.	bedrock	0.9	
bedrock	bedrock	bedrock	aquif.	bedrock	15.9	
bedrock	bedrock	bedrock	aquif.	bedrock	1.5	
bedrock	bedrock	bedrock	aquif.	bedrock	3	
bedrock	bedrock	bedrock	aquif.	bedrock	94.5	
clay	low	aquitard		bedrock	4.3	18.3
bedrock	bedrock		451	bedrock	20.1	18.3
bedrock	bedrock		451	bedrock	1.5	18.3
bedrock	bedrock		451	bedrock	5.5	18.3
bedrock	bedrock		451	bedrock	1.2	18.3
bedrock	bedrock		451	bedrock	2.5	18.3
bedrock	bedrock		451	bedrock	2.4	18.3
unknown/overburden				bedrock	4.6	
bedrock	bedrock		765	bedrock	10.6	
bedrock	bedrock		765	bedrock	1.6	
bedrock	bedrock		765	bedrock	1.5	
bedrock	bedrock		765	bedrock	1.5	
bedrock	bedrock		765	bedrock	4.6	
bedrock	bedrock		765	bedrock	1.5	
bedrock	bedrock		765	bedrock	7.6	
bedrock	bedrock		765	bedrock	15.3	
bedrock	bedrock		765	bedrock	6.1	
bedrock	bedrock		765	bedrock	9.1	
bedrock	bedrock		765	bedrock	3.1	
bedrock	bedrock		765	bedrock	12.1	
bedrock	bedrock		765	bedrock	6.1	
bedrock	bedrock		765	bedrock	6.1	
bedrock	bedrock		765	bedrock	21.4	
bedrock	bedrock		765	bedrock	4.5	



bedrock	bedrock	765	bedrock	10.7	
till	low	aquitard		3.7	
bedrock	bedrock	765		1.8	
bedrock	bedrock	765		18.9	
bedrock	bedrock	765		12.2	
bedrock	bedrock	765		10.6	
bedrock	bedrock	765		10.7	
bedrock	bedrock	765		24.4	
bedrock	bedrock	765		9.1	
bedrock	bedrock	765		24.4	
unknown/overburden				17.4	
sand/gravel	permeable	permeable		0.6	
till	low	aquitard		0.6	
sand/gravel	permeable	aquifer (confined)		6.1	
sand/gravel	permeable	aquifer (confined)		1.8	
till	low	aquitard		0.6	
sand/gravel	permeable	permeable, dr	630	24.4	48.8
sand/gravel/cl	ambiguous	aquitard	630	9.1	48.8
silt	low	aquitard	630	73.2	48.8
sand/gravel	permeable		630	6.1	48.8
sand/gravel	permeable	permeable	923	6.1	6.1
sand/gravel	permeable	permeable	923	9.1	6.1
sand/gravel	permeable		923	12.2	6.1
sand/gravel	permeable		923	3.1	6.1
tbd	ambiguous	ambiguous		2.4	
well construct	ambiguous	ambiguous		4.6	
sand/gravel	permeable	permeable, dry		2.1	
well construct	ambiguous	ambiguous		1	
sand/gravel	permeable	permeable, dry		6.1	
well construct	ambiguous	ambiguous		0.9	
sand/gravel	permeable	permeable, dry		6.1	
well construct	ambiguous	ambiguous		0.9	
sand/gravel	permeable	permeable, dry		6.4	
clay	low	aquitard		18.3	5.8
clay	low	aquitard		12.2	5.8
bedrock	bedrock	591		12.2	5.8
bedrock	bedrock	591		3	5.8
bedrock	bedrock	591		3.1	5.8
till	low	aquitard		1.5	34.1
bedrock	bedrock	639		2.2	34.1
bedrock	bedrock	639		1.5	34.1
bedrock	bedrock	639		6.1	34.1

bedrock	bedrock	639	0.9	34.1
bedrock	bedrock	639	10.1	34.1
bedrock	bedrock	639	24.9	34.1
bedrock	bedrock	639	10.7	34.1
sand/gravel	permeable	591	23.2	43.3
CLAY/sand	ambiguous	ambiguous	12.8	43.3
sand/gravel	permeable	591	0.3	43.3
clay	low	aquitard	10	43.3
bedrock	bedrock	591	24.1	43.3
bedrock	bedrock	591	0.3	43.3
bedrock	bedrock	591	7.3	43.3
bedrock	bedrock	591	0.9	43.3
bedrock	bedrock	591	0.7	43.3
bedrock	bedrock	591	2.7	43.3
bedrock	bedrock	591	1.8	43.3
bedrock	bedrock	591	0.3	43.3
bedrock	bedrock	591	0.6	43.3
bedrock	bedrock	591	1.3	43.3
bedrock	bedrock	591	2.4	43.3
bedrock	bedrock	591	4	43.3
bedrock	bedrock	591	0.6	43.3
bedrock	bedrock	591	23.1	43.3
bedrock	bedrock	591	0.3	43.3
bedrock	bedrock	591	35.7	43.3
silt/clay	low	aquitard	6.1	
silt/clay	low	aquitard	79.2	
CLAY/sand	low	aquitard	45.8	
sand/gravel	permeable	930	3	
sand/gravel	permeable	930	6.1	
unknown/overburden			3	
GRAVEL/silt	permeable	permeable	1.6	
sand/gravel	permeable	930	1.5	
GRAVEL/silt	permeable	930	1.5	
GRAVEL/silt	permeable	930	4	
silt	low	aquitard	2.1	
CLAY/sand	low	aquitard	3	18.3
clay	low	aquitard	13.8	18.3
bedrock	bedrock	689	56.4	18.3
till	low	aquitard	21.3	
bedrock	bedrock	639	9.2	
unknown/over	ambiguous	ambiguous	2.1	20.4
bedrock	bedrock	451	22.3	20.4

bedrock	bedrock	451	9.1	20.4
bedrock	bedrock	451	9.2	20.4
sand/gravel	permeable	permeable, dry	4.9	17.2
bedrock	bedrock	451	2.7	17.2
bedrock	bedrock	451	4.6	17.2
bedrock	bedrock	451	10.7	17.2
bedrock	bedrock	451	3	17.2
bedrock	bedrock	451	29	17.2
bedrock	bedrock	451	4.5	17.2
till	low	aquitard	38.1	24.4
bedrock	bedrock	451	4.6	24.4
till	low	aquitard	12.2	5.5
bedrock	bedrock	639	3	5.5
bedrock	bedrock	639	8.6	5.5
bedrock	bedrock	639	0.6	5.5
till	low	aquitard	5.5	19.1
bedrock	bedrock	639	9.7	19.1
bedrock	bedrock	639	3.1	19.1
bedrock	bedrock	639	3	19.1
bedrock	bedrock	639	3.1	19.1
bedrock	bedrock	639	4.6	19.1
GRAVEL/silt	permeable	permeable	22.9	
GRAVEL/silt	permeable	permeable	2.2	
GRAVEL/silt	permeable	930	9.8	
GRAVEL/silt	permeable	930	1.5	
silt	low	aquitard	0.3	
GRAVEL/silt	permeable	permeable	9.1	
sand/gravel	permeable	930	2.2	
silt	low	aquitard	0.3	
GRAVEL/silt	ambiguous	ambiguous	6.7	
sand/gravel	permeable	930	1.8	
silt	low	aquitard	2.2	
GRAVEL/silt	permeable	930	7.9	
sand/gravel	permeable	930	2.2	
silt	low	aquitard	0.6	
silt/clay	low	aquitard	0.6	
GRAVEL/silt	permeable	930	8.5	
sand/gravel	permeable	930	4	
GRAVEL/silt	permeable	930	0.6	
bedrock	bedrock	bedrock aquifer	3.4	
bedrock	bedrock	bedrock aquifer	49.7	
bedrock	bedrock	bedrock aquifer	15.2	

bedrock	bedrock	bedrock aquifer		45.7	
bedrock	bedrock	bedrock aquifer		35.1	
bedrock	bedrock	bedrock aquifer		10.6	
bedrock	bedrock	bedrock aquifer		45.8	
bedrock	bedrock	bedrock aquifer		12.2	
bedrock	bedrock	bedrock aquifer		24.3	
bedrock	bedrock	bedrock aquifer		3.7	
bedrock	bedrock	bedrock aquifer		52.4	
bedrock	bedrock	bedrock aquifer		14.4	
bedrock	bedrock	bedrock aquifer		46.6	
bedrock	bedrock	bedrock aquifer		31.4	
bedrock	bedrock	bedrock aquifer		13.7	
bedrock	bedrock	bedrock aquifer		42.1	
bedrock	bedrock	bedrock aquifer		12.2	
GRAVEL/silt	ambiguous	ambiguous		0.3	
clay	low	aquitard		2.1	
boulder/grave	permeable		451	0.3	
clay	low	aquitard		1.9	
sand/gravel	permeable		451	2.7	
clay	low	aquitard		7.9	
till	low	aquitard		7.4	
bedrock	bedrock		451	7.9	
bedrock	bedrock		451	6.1	
till	low	aquitard		15.2	34.1
bedrock	bedrock		451	3.1	34.1
bedrock	bedrock		451	3	34.1
bedrock	bedrock		451	7.7	34.1
bedrock	bedrock		451	1.2	34.1
bedrock	bedrock		451	3	34.1
bedrock	bedrock		451	3.4	34.1
bedrock	bedrock		451	5.5	34.1
bedrock	bedrock		451	6.1	34.1
bedrock	bedrock		451	7.6	34.1
bedrock	bedrock		451	1.5	34.1
bedrock	bedrock		451	6.7	34.1
bedrock	bedrock		451	0.9	34.1
bedrock	bedrock		451	1.5	34.1
clay	low	aquitard	charlie lake ct	63.4	33.2
boulder/grave	permeable	aquifer (Charl	charlie lake ct	0.6	33.2
clay	low	aquitard	charlie lake ct	11.6	22.9
sand/gravel	permeable	permeable, dr	charlie lake ct	0.3	22.9
clay	low	aquitard	charlie lake ct	12.5	22.9

clay	low	aquitard	charlie lake ct	54.8	22.9
sand/gravel	permeable	aquifer (Charl	charlie lake ct	6.1	22.9
clay	low	aquitard	charlie lake ct	6.7	22.9
sand/gravel	permeable	aquifer (Charl	charlie lake ct	7.4	22.9
bedrock	bedrock	bedrock aquif	charlie lake ct	7.3	22.9
bedrock	bedrock	bedrock aquif	charlie lake ct	2.7	22.9
bedrock	bedrock	bedrock aquifer		58.8	
bedrock	bedrock	bedrock aquifer		4.9	
bedrock	bedrock	bedrock aquifer		1.2	
bedrock	bedrock	bedrock aquifer		6.7	
bedrock	bedrock	bedrock aquifer		45.4	
bedrock	bedrock	bedrock aquifer		6.7	
bedrock	bedrock	bedrock aquifer		48.2	
bedrock	bedrock	bedrock aquifer		10.7	
clay	low	aquitard		18.9	18.6
bedrock	bedrock		639	0.3	18.6
bedrock	bedrock		639	5.2	18.6
clay	low	aquitard		16.8	28
bedrock	bedrock		593	36.5	28
clay	low	aquitard		7.6	36.6
clay	low	aquitard		22.3	36.6
clay	low	aquitard		28.9	36.6
silt	low	aquitard		1.2	36.6
clay	low	aquitard		5.5	36.6
SILT/sand	low	aquitard		15.3	36.6
clay	low	aquitard		4.2	36.6
clay	low	aquitard		0.3	36.6
clay	low	aquitard		9.2	36.6
bedrock	bedrock		639	3.6	36.6
bedrock	bedrock		639	6.8	36.6
clay	low	aquitard	bedrock	6.1	
clay	low	aquitard	bedrock	18.3	
till	low	aquitard	bedrock	3	
bedrock	bedrock	bedrock aquif	bedrock	18.3	
bedrock	bedrock	bedrock aquif	bedrock	3.1	
bedrock	bedrock	bedrock aquif	bedrock	3	
silt/clay	low	aquitard		6.1	9.3
till	low	aquitard		9.1	9.3
clay	low	aquitard		14.7	9.3
clay	low	aquitard		9.7	9.3
bedrock	bedrock		451	8.6	9.3
bedrock	bedrock		451	0.6	9.3

bedrock	bedrock		451	4.5	9.3
boulder/grave	permeable		765	3	
bedrock	bedrock		765	3.1	
bedrock	bedrock		765	46.9	
bedrock	bedrock		765	42.7	
bedrock	bedrock		765	4.5	
bedrock	bedrock		765	1	
bedrock	bedrock		765	7	
bedrock	bedrock		765	14.9	
bedrock	bedrock		765	0.6	
bedrock	bedrock		765	62.5	
silt	low	aquitard	bedrock	5.2	15.8
bedrock	bedrock		451 bedrock	0.6	15.8
bedrock	bedrock		451 bedrock	6.4	15.8
bedrock	bedrock		451 bedrock	5.2	15.8
bedrock	bedrock		451 bedrock	16.7	15.8
till	low	aquitard		9.1	
bedrock	bedrock		765	3.1	
bedrock	bedrock		765	12.2	
bedrock	bedrock		765	4.6	
bedrock	bedrock		765	36.5	
bedrock	bedrock		765	6.1	
bedrock	bedrock		765	1.6	
bedrock	bedrock		765	7.6	
bedrock	bedrock		765	6.1	
unknown/overburden			bedrock	6.1	
bedrock	bedrock		765 bedrock	7.6	
bedrock	bedrock		765 bedrock	6.1	
bedrock	bedrock		765 bedrock	6.1	
bedrock	bedrock		765 bedrock	3.7	
bedrock	bedrock		765 bedrock	19.2	
bedrock	bedrock		765 bedrock	1.5	
bedrock	bedrock		765 bedrock	21.3	
bedrock	bedrock		765 bedrock	1.6	
bedrock	bedrock		765 bedrock	6	
bedrock	bedrock		765 bedrock	9.2	
bedrock	bedrock		765 bedrock	15.2	
silt	low	aquitard		5.5	56.8
clay	low	aquitard		17.7	56.8
bedrock	bedrock		451	0.6	56.8
bedrock	bedrock		451	10	56.8
bedrock	bedrock		451	0.9	56.8

bedrock	bedrock	451		4.9	56.8
bedrock	bedrock	451		2.8	56.8
bedrock	bedrock	451		0.9	56.8
bedrock	bedrock	451		10	56.8
bedrock	bedrock	451		10.1	56.8
bedrock	bedrock	451		2.3	56.8
till	low		aquitard	9.1	
bedrock	bedrock	765		3.7	
bedrock	bedrock	765		0.9	
bedrock	bedrock	765		4.6	
bedrock	bedrock	765		3	
bedrock	bedrock	765		3.7	
bedrock	bedrock	765		4	
bedrock	bedrock	765		14.3	
bedrock	bedrock	765		22.2	
bedrock	bedrock	765		6.1	
bedrock	bedrock	765		1.6	
bedrock	bedrock	765		7.6	
bedrock	bedrock	765		14.6	
clay	low		aquitard	9.4	33.8
bedrock	bedrock	451		6.1	33.8
bedrock	bedrock	451		1.3	33.8
bedrock	bedrock	451		2.4	33.8
bedrock	bedrock	451		23.5	33.8
clay	low		aquitard	15.2	
clay	low		aquitard	10.1	
bedrock	bedrock	451		1.2	
bedrock	bedrock	451		35.1	
bedrock	bedrock	451		0.3	
bedrock	bedrock	451		8.2	
bedrock	bedrock	451		6.1	
bedrock	bedrock	451		15.2	
bedrock	bedrock	451		33.6	
clay	low		aquitard	8.5	24.4
bedrock	bedrock	451		28.1	24.4
clay	low		aquitard	20.4	36.8
silt	low		aquitard	16.2	36.8
bedrock	bedrock	765	bedrock	10.6	
sand/gravel	permeable	594	aquifer, confir	5.2	36.8
sand/gravel	permeable	594	aquifer, confir	4.2	36.8
silt	low		aquitard	3.4	36.8
silt	low		aquitard	2.4	36.8

clay	low	aquitard		5.2	
till	low	aquitard		1.5	
clay	low	aquitard		2.4	
clay	low	aquitard		49.7	36.6
SAND/clay	ambiguous	ambiguous		5.2	36.6
clay	low	aquitard		3.9	36.6
till	low	aquitard		16.5	36.6
bedrock	bedrock		451	1.8	36.6
bedrock	bedrock		451	7	36.6
bedrock	bedrock		451	4.3	36.6
clay	low	aquitard		5.5	28.3
till	low	aquitard		2.1	28.3
clay	low	aquitard		7	28.3
bedrock	bedrock		451	3.1	28.3
bedrock	bedrock		451	7.6	28.3
bedrock	bedrock		451	3	28.3
bedrock	bedrock		451	1.9	28.3
bedrock	bedrock		451	1.8	28.3
unknown/overburden			bedrock	4.6	
bedrock	bedrock		765 bedrock	1.6	
bedrock	bedrock		765 bedrock	1.5	
bedrock	bedrock		765 bedrock	1.5	
bedrock	bedrock		765 bedrock	4.6	
bedrock	bedrock		765 bedrock	1.5	
bedrock	bedrock		765 bedrock	7.6	
bedrock	bedrock		765 bedrock	15.3	
bedrock	bedrock		765 bedrock	6.1	
bedrock	bedrock		765 bedrock	9.1	
bedrock	bedrock		765 bedrock	3.1	
bedrock	bedrock		765 bedrock	6.1	
bedrock	bedrock		765 bedrock	12.1	
bedrock	bedrock		765 bedrock	6.1	
bedrock	bedrock		765 bedrock	21.4	
bedrock	bedrock		765 bedrock	4.5	
bedrock	bedrock		765 bedrock	10.7	
till	low	aquitard		2.1	19.5
bedrock	bedrock		639	24.7	19.5
bedrock	bedrock		639	8.3	19.5
till	low	aquitard		3	
bedrock	bedrock		451	1.6	
bedrock	bedrock		451	1.5	
bedrock	bedrock		451	6.1	



bedrock	bedrock	451		12.2	
bedrock	bedrock	451		0.3	
bedrock	bedrock	451		28.6	
clay	low	aquitard		54.9	
bedrock	bedrock	622		30.4	
bedrock	bedrock	622		6.1	
GRAVEL/silt	ambiguous	ambiguous		3.7	54.6
bedrock	bedrock	451		31.4	54.6
bedrock	bedrock	451		9.1	54.6
bedrock	bedrock	451		50.3	54.6
bedrock	bedrock	451		9.1	54.6
clay	low	aquitard		1.5	
sand/gravel	permeable	929		3.4	
silt	ambiguous	ambiguous		1.2	
SAND/clay	ambiguous	ambiguous	aquifer, confir	41.5	82.3
SAND/clay	ambiguous	ambiguous	aquifer, confir	22.5	82.3
sand/gravel	permeable	aquifer (confir	aquifer, confir	15.9	82.3
till	low	aquitard	aquifer, confir	7	82.3
silt	low	aquitard		2.4	
clay	low	aquitard	aquifer, confir	53.3	82.3
till	low	aquitard	aquifer, confir	12.2	82.3
sand/gravel	permeable	aquifer (confir	aquifer, confir	3	82.3
clay	low	aquitard		14.6	85.3
till	low	aquitard		73.2	85.3
SAND/clay	ambiguous	ambiguous		1.8	85.3
bedrock	bedrock	bedrock		10.7	85.3
bedrock	bedrock	bedrock aquifer		58.2	85.3
clay	low	aquitard		30.5	30.5
SAND/clay	ambiguous	ambiguous		30.5	30.5
bedrock	bedrock	593		60.9	30.5
CLAY/gravel	low	aquitard		19.2	29.9
bedrock	bedrock	bedrock aquifer		1.2	29.9
bedrock	bedrock	bedrock aquifer		3.1	29.9
clay	low	aquitard	bedrock	19.5	
bedrock	bedrock	932	bedrock	4.9	
bedrock	bedrock	932	bedrock	1.5	
bedrock	bedrock	932	bedrock	8.2	
bedrock	bedrock	932	bedrock	7.4	
bedrock	bedrock	932	bedrock	3	
bedrock	bedrock	932	bedrock	1.5	
SAND/clay	ambiguous	ambiguous		3	6.1
clay	low	aquitard		30.5	6.1

SAND/clay	ambiguous	ambiguous		39.7	6.1
bedrock	bedrock	bedrock aquifer		12.1	6.1
till	low	aquitard		3.7	
bedrock	bedrock	bedrock aquifer		1.8	
bedrock	bedrock	bedrock aquifer		116.4	
till	low	aquitard		3.7	
bedrock	bedrock	bedrock aquifer		118.2	
till	low	aquitard		3.7	
bedrock	bedrock	bedrock aquifer		40.5	
sand/gravel	permeable	929		2.5	
silt	ambiguous	ambiguous		74.3	
clay	low	aquitard		42.7	
SAND/clay	ambiguous	929		30.5	
silt	low	aquitard		1.5	
SAND/clay	ambiguous	ambiguous		1.5	
sand/gravel	permeable	929		3.1	
bedrock	bedrock	bedrock aquifer		4.6	
clay	low	aquitard	bedrock	9.1	10.7
sand/gravel	permeable	permeable, dr	bedrock	1.6	10.7
clay	low	aquitard	bedrock	30.8	10.7
bedrock	bedrock	451	bedrock	2.7	10.7
clay	low	aquitard		6.7	25.6
bedrock	bedrock	451		36	25.6
clay	low	aquitard		3.7	83.5
clay	low	aquitard		25.6	83.5
sand/gravel	permeable	permeable, dry		7.3	83.5
bedrock	bedrock	451		39	83.5
bedrock	bedrock	451		2.1	83.5
bedrock	bedrock	451		4	83.5
bedrock	bedrock	451		10.3	83.5
bedrock	bedrock	451		4	83.5
bedrock	bedrock	451		2.5	83.5
bedrock	bedrock	451		8.2	83.5
clay	low	aquitard	bedrock	9.1	7
bedrock	bedrock	634	bedrock	11	7
till	low	aquitard	bedrock	7.6	113.8
clay	low	aquitard	bedrock	10.7	113.8
till	low	aquitard	bedrock	6.7	113.8
bedrock	bedrock	451	bedrock	2.4	113.8
bedrock	bedrock	451	bedrock	4.3	113.8
bedrock	bedrock	451	bedrock	1.8	113.8
bedrock	bedrock	451	bedrock	57.9	113.8

bedrock	bedrock	451	bedrock	7.4	113.8
bedrock	bedrock	451	bedrock	38.4	113.8
bedrock	bedrock	451	bedrock	9.1	113.8
clay	low	aquitard		4.6	85.3
CLAY/sand	ambiguous	ambiguous		3	85.3
clay	low	aquitard		16.8	85.3
bedrock	bedrock	bedrock aquifer		8.5	85.3
bedrock	bedrock	bedrock aquifer		66.2	85.3
bedrock	bedrock	bedrock aquifer		7.6	85.3
bedrock	bedrock	bedrock aquifer		3	85.3
bedrock	bedrock	bedrock aquifer		37.5	85.3
sand/gravel	permeable	688		9.1	7
SAND/clay	ambiguous	ambiguous		4	7
sand/gravel/cl	ambiguous	ambiguous		2.1	7
till	low	aquitard		2.5	7
bedrock	bedrock	688		1.8	7
bedrock	bedrock	688		18.6	7
bedrock	bedrock	688		1.5	7
bedrock	bedrock	688		11.6	7
bedrock	bedrock	688		9.8	7
till	low	aquitard	bedrock	8.2	4.6
sand/gravel	permeable	aquitard	bedrock	0.6	4.6
till	low	aquitard	bedrock	7	4.6
bedrock	bedrock	aquitard	bedrock	26.9	4.6
clay	low	aquitard	bedrock	12.2	68.9
bedrock	bedrock	451	bedrock	3	68.9
bedrock	bedrock	451	bedrock	4.9	68.9
bedrock	bedrock	451	bedrock	30.8	68.9
bedrock	bedrock	451	bedrock	0.9	68.9
bedrock	bedrock	451	bedrock	28.4	68.9
bedrock	bedrock	451	bedrock	2.1	68.9
clay	low	aquitard		25.9	33.5
CLAY/sand	ambiguous	ambiguous		4.6	33.5
clay	low	aquitard		16.7	33.5
bedrock	bedrock	451		1.6	33.5
till	low	aquitard	bedrock	12.2	5.5
bedrock	bedrock	639	bedrock	6.1	5.5
sand/gravel	permeable	687	687-442	10.1	7.9
sand/gravel	permeable	687	687-442	4.5	7.9
clay	low	aquitard	bedrock	4.6	10.7
bedrock	bedrock	639	bedrock	8.8	10.7
bedrock	bedrock	639	bedrock	0.3	10.7

bedrock	bedrock	639	bedrock	1.5	10.7
bedrock	bedrock	639	bedrock	1.6	10.7
sand/gravel	permeable		permeable	12.2	
CLAY/sand	ambiguous		ambiguous bedrock	4.6	25.6
sand/gravel	permeable		permeable, dr bedrock	6.1	25.6
CLAY/sand	ambiguous		ambiguous bedrock	12.2	25.6
clay	low		aquitard bedrock	14.3	25.6
bedrock	bedrock	451	bedrock	2.1	25.6
clay	low		aquitard	0.9	
sand/gravel	permeable		permeable, dry	0.3	
clay	low		aquitard	5.5	
GRAVEL/silt	ambiguous		ambiguous	16.2	
GRAVEL/silt	ambiguous		ambiguous	7.6	
GRAVEL/silt	ambiguous		ambiguous	1.5	
clay	low		aquitard	29	
bedrock	bedrock		bedrock aquifer	57.9	
clay	low		aquitard bedrock	13.4	2.6
bedrock	bedrock	451	bedrock	2.1	2.6
till	low		aquitard	27.4	
bedrock	bedrock		bedrock aquifer	155.5	
clay	low		aquitard	25.6	
GRAVEL/silt	ambiguous		ambiguous	10.4	6.6
bedrock	bedrock	451		6.4	6.6
till	low		aquitard	3.7	39
silt	low		aquitard	1.8	39
sand/gravel	permeable	591		3.6	39
till	low		aquitard	6.1	39
bedrock	bedrock	591		30.5	39
bedrock	bedrock	591		3.1	39
clay	low		aquitard bedrock	1.2	
sand/gravel	permeable		permeable bedrock	1.8	
bedrock	bedrock		bedrock aquif bedrock	3.7	
till	low		aquitard bedrock	5.5	
bedrock	bedrock		bedrock aquif bedrock	2.4	
bedrock	bedrock		bedrock aquif bedrock	1.6	
bedrock	bedrock		bedrock aquif bedrock	2.4	
bedrock	bedrock		bedrock aquif bedrock	8.8	
bedrock	bedrock		bedrock aquif bedrock	1.3	
bedrock	bedrock		bedrock aquif bedrock	4.2	
clay	low		aquitard bedrock	4.9	
bedrock	bedrock		bedrock aquif bedrock	4.9	
bedrock	bedrock		bedrock aquif bedrock	4.8	

clay	low	aquitard	bedrock	4.6	
bedrock	bedrock	bedrock	aquif bedrock	9.1	
bedrock	bedrock	bedrock	aquif bedrock	5.2	
sand/gravel	permeable	591		61	
sand/gravel/cl	ambiguous	ambiguous		3	
bedrock	bedrock	591		27.4	
bedrock	bedrock	591		6.1	
bedrock	bedrock	591		54.9	
till	low	aquitard	bedrock	6.1	
clay	low	aquitard	bedrock	6.1	
bedrock	bedrock	933	bedrock	47.2	
bedrock	bedrock	933	bedrock	2.5	
bedrock	bedrock	933	bedrock	24.4	
bedrock	bedrock	933	bedrock	10.3	
bedrock	bedrock	933	bedrock	14.3	
clay	low	aquitard	bedrock	2.4	44.2
bedrock	bedrock	639	bedrock	17.1	44.2
bedrock	bedrock	639	bedrock	8.2	44.2
bedrock	bedrock	639	bedrock	21.7	44.2
bedrock	bedrock	639	bedrock	6.4	44.2
clay	low	aquitard	bedrock	4.6	10.7
bedrock	bedrock	639	bedrock	8.8	10.7
bedrock	bedrock	639	bedrock	0.3	10.7
bedrock	bedrock	639	bedrock	1.5	10.7
bedrock	bedrock	639	bedrock	1.6	10.7
tbd				42.7	
bedrock	bedrock	928		27.4	34.7
bedrock	bedrock	bedrock	aquifer	8.2	
bedrock	bedrock	bedrock	aquifer	3.1	
bedrock	bedrock	bedrock	aquifer	9.4	
bedrock	bedrock	bedrock	aquifer	1.6	
clay	low	aquitard		5.5	10.4
clay	low	aquitard		13.7	10.4
CLAY/sand	ambiguous	ambiguous		0.6	10.4
CLAY/sand	ambiguous	ambiguous		4	10.4
clay	low	aquitard		0.9	10.4
till	low	aquitard		9.1	13.1
bedrock	bedrock	591		4.6	13.1
bedrock	bedrock	591		2.1	13.1
bedrock	bedrock	591		20.8	13.1
bedrock	bedrock	591		0.6	13.1
bedrock	bedrock	591		4.9	13.1

bedrock	bedrock	591	7.3	13.1
bedrock	bedrock	591	0.3	13.1
bedrock	bedrock	591	6.7	13.1
bedrock	bedrock	591	3	13.1
bedrock	bedrock	bedrock aquifer	3.1	
bedrock	bedrock	bedrock aquifer	3.6	
clay	low	aquitard	12.2	73.2
bedrock	bedrock	451	23.8	73.2
bedrock	bedrock	451	0.6	73.2
bedrock	bedrock	451	19.8	73.2
bedrock	bedrock	451	4.6	73.2
bedrock	bedrock	451	19.8	73.2
sand/gravel	permeable	bedrock aquifer	27.4	
bedrock	bedrock	bedrock aquifer	88.4	
bedrock	bedrock	bedrock aquifer	18.3	
till	low	aquitard	1.2	7.6
bedrock	bedrock	591	41.5	7.6
sand/gravel	permeable	591	18.3	45.7
sand/gravel	permeable	591	6.1	45.7
till	low	aquitard	35	45.7
bedrock	bedrock	591	32	45.7
CLAY/sand	low	aquitard	10.7	18.3
bedrock	bedrock	688	86.8	18.3
till	low	aquitard	5.5	3
bedrock	bedrock	bedrock aquifer	18.9	3
till	low	aquitard	12.2	
sand/gravel	permeable	permeable	18.3	
silt	low	aquitard	10.6	
bedrock	bedrock	bedrock aquifer	1.6	
sand/gravel	permeable	permeable	27.1	
till	low	aquitard	7.6	
till	low	aquitard	4.6	
till	low	aquitard	24.4	
clay	low	aquitard	21.3	
silt	low	aquitard	6.1	
clay	low	aquitard	9.2	
silt	low	aquitard	13.7	
clay	low	aquitard	4.5	
unknown/overburden		bedrock	0.6	
bedrock	bedrock	bedrock aquif	23.8	
bedrock	bedrock	bedrock aquif	94.5	
bedrock	bedrock	bedrock aquif	51.8	

bedrock	bedrock	bedrock aquif	bedrock	21.3	
bedrock	bedrock	bedrock aquif	bedrock	9.2	
till	low	aquitard	687-442	0.1	
boulder/grave	permeable		442 687-442	8.1	
clay	low	aquitard	bedrock	3.7	
sand/gravel	permeable	permeable	bedrock	1.8	
bedrock	bedrock	bedrock aquif	bedrock	6.1	
bedrock	bedrock	bedrock aquif	bedrock	79.8	
clay	low	aquitard		6.1	
bedrock	bedrock	bedrock aquifer		7.6	
bedrock	bedrock	bedrock aquifer		4.6	
bedrock	bedrock	bedrock aquifer		4.6	
till	low	aquitard	bedrock	19.8	
silt/clay	low	aquitard	bedrock	7.6	
bedrock	bedrock		931 bedrock	6.4	
bedrock	bedrock		931 bedrock	5.8	
bedrock	bedrock		931 bedrock	3.7	
clay	low	aquitard		7.6	
bedrock	bedrock		932	53.4	
CLAY/sand	low	aquitard	bedrock	5.2	
sand/gravel	permeable	permeable	bedrock	13.1	
bedrock	bedrock		932 bedrock	18.6	
sand/gravel	permeable	permeable	bedrock	1.2	
bedrock	bedrock		932 bedrock	10.7	
bedrock	bedrock	bedrock aquifer		4.6	
bedrock	bedrock	bedrock aquifer		6.1	
bedrock	bedrock	bedrock aquifer		29	
sand/gravel	permeable	bedrock aquifer		18.3	
bedrock	bedrock	bedrock aquifer		36.6	
bedrock	bedrock	bedrock aquifer		30.4	
soil/organic	ambiguous	ambiguous		0.3	
till	low	aquitard		17.4	
bedrock	bedrock		917	76.8	
bedrock	bedrock		917	2.7	
bedrock	bedrock		917	19.2	
bedrock	bedrock		917	19.5	
bedrock	bedrock		917	7.3	
till	low	aquitard		42.7	53.3
clay	low	aquitard		9.1	53.3
sand/gravel	permeable		917	9.2	53.3
sand/gravel	permeable		917	7.6	53.3
sand/gravel	permeable		917	4.6	53.3

bedrock	bedrock	917		3	53.3
bedrock	bedrock	917		3	53.3
bedrock	bedrock	917		1.6	53.3
bedrock	bedrock	917		2.1	53.3
bedrock	bedrock	917		1.2	53.3
bedrock	bedrock	917		1.2	53.3
bedrock	bedrock	917		6.1	53.3
bedrock	bedrock	917		7.4	53.3
bedrock	bedrock	917		0.9	53.3
bedrock	bedrock	917		0.9	53.3
bedrock	bedrock	917		0.6	53.3
bedrock	bedrock	917		0.9	53.3
bedrock	bedrock	917		1.5	53.3
bedrock	bedrock	917		2.5	53.3
bedrock	bedrock	917		5.8	53.3
bedrock	bedrock	917		7	53.3
bedrock	bedrock	917		2.4	53.3
bedrock	bedrock	917		0.6	53.3
bedrock	bedrock	917		6.1	53.3
bedrock	bedrock	917		6.1	53.3
bedrock	bedrock	917		6.1	53.3
bedrock	bedrock	917		5.2	53.3
bedrock	bedrock	917		0.9	53.3
bedrock	bedrock	917		1.5	53.3
bedrock	bedrock	917		1.6	53.3
bedrock	bedrock	917		0.9	53.3
bedrock	bedrock	917		2.1	53.3
silt	low	aquitard	aquifer, confir	0.2	
sand/gravel	permeable	permeable,	dr aquifer, confir	1.6	
silt/clay	low	aquitard	aquifer, confir	5.8	
sand/gravel/cl	permeable	aquifer (confir	aquifer, confir	1.5	
GRAVEL/silt	permeable	aquifer (confir	aquifer, confir	1.6	
sand/gravel	permeable	aquifer (confir	aquifer, confir	5.8	
silt/clay	low	aquitard	aquifer, confir	6.7	
GRAVEL/silt	permeable	aquifer (confir	aquifer, confir	0.9	
sand/gravel	permeable	aquifer (confir	aquifer, confir	0.3	
unknown/overburden				8.5	
silt/clay	low	aquitard		1.3	
sand/gravel	permeable	aquifer (unclassified)		0.3	
sand/gravel	permeable	aquifer (unclassified)		0.6	
sand/gravel	permeable	aquifer (unclassified)		2.4	
sand/gravel	permeable	aquifer (unclassified)		3.7	



clay	low	aquitard	0.3	
till	low	aquitard	6.1	
silt/clay	low	aquitard	0.9	
GRAVEL/silt	permeable	aquifer (unclassified)	0.6	
sand/gravel	permeable	aquifer (unclassified)	4.3	
sand/gravel/cl	permeable	aquifer (unclassified)	0.6	
soil/organic	ambiguous	ambiguous	0.2	
GRAVEL/silt	ambiguous	ambiguous	2.9	
GRAVEL/silt	ambiguous	ambiguous	1.8	
sand/gravel	permeable	aquifer (unclassified)	7.4	
CLAY/sand	ambiguous	ambiguous	9.8	15.2
till	low	aquitard	10.9	15.2
bedrock	bedrock	451	1.2	15.2
bedrock	bedrock	451	4	15.2
bedrock	bedrock	451	7	15.2
bedrock	bedrock	451	0.3	15.2
bedrock	bedrock	451	2.2	15.2
tbd		aquitard	32.6	
bedrock	bedrock	bedrock aquifer	11.3	
tbd			153	
tbd			128	
tbd			147.5	
unknown/overburden			189	
unknown/overburden			221	
tbd	ambiguous	ambiguous	59.1	38.4
bedrock	bedrock	bedrock aquifer	14.7	38.4
tbd			86.6	
bedrock	bedrock	bedrock aquifer	59.7	
unknown/over	ambiguous	ambiguous	24.4	10.4
bedrock	bedrock	bedrock aquifer	11.6	10.4
bedrock	bedrock	bedrock aquifer	2.8	36.3
tbd	ambiguous	ambiguous	76.8	
tbd	ambiguous	ambiguous	118	4.6
clay	low	aquitard	59.4	97.8
bedrock	bedrock	593	29	97.8
bedrock	bedrock	593	3	97.8
bedrock	bedrock	593	30.5	97.8
bedrock	bedrock	593	29	97.8
bedrock	bedrock	593	9.1	97.8
bedrock	bedrock	593	16.8	97.8
bedrock	bedrock	593	10.3	97.8
bedrock	bedrock	593	2.2	97.8

bedrock	bedrock		593		11.9	97.8
bedrock	bedrock		593		6.1	97.8
silt/clay	low	aquitard	687-442		6.1	
sand/gravel	permeable		687 687-442		1.5	
clay	low	aquitard	687-442		9.2	
sand/gravel	permeable		687 687-442		1.5	
bedrock	bedrock	bedrock aquif	687-442		6.1	
bedrock	bedrock	bedrock aquif	687-442		36.6	
clay	low	aquitard			25.9	38.1
bedrock	bedrock		451		6.1	38.1
bedrock	bedrock		451		6.4	38.1
bedrock	bedrock		451		6.4	38.1
bedrock	bedrock		451		5.8	38.1
bedrock	bedrock		451		0.6	38.1
till	low	aquitard			9.4	
bedrock	bedrock		451		10.4	
bedrock	bedrock		451		7.6	
bedrock	bedrock		451		18.3	
bedrock	bedrock		451		0.6	
bedrock	bedrock		451		1.2	
bedrock	bedrock		451		5.8	
bedrock	bedrock		451		0.6	
bedrock	bedrock		451		17.7	
bedrock	bedrock		451		4.6	
bedrock	bedrock		451		2.4	
bedrock	bedrock		451		0.6	
bedrock	bedrock		451		1.6	
bedrock	bedrock		451		22.8	
soil/organic	low	aquitard	aquifer, confir		0.3	25.3
clay	low	aquitard	aquifer, confir		17.1	25.3
sand/gravel	permeable		590 aquifer, confir		7.3	25.3
sand/gravel	permeable		590 aquifer, confir		14.6	25.3
GRAVEL/silt	permeable		590 aquifer, confir		1.8	25.3
unknown/over	ambiguous	ambiguous			3	30.5
clay	low	aquitard			21.4	30.5
CLAY/gravel	low	aquitard			6.1	30.5
bedrock	bedrock		639		6.1	30.5
bedrock	bedrock		639		0.9	30.5
bedrock	bedrock		639		5.2	30.5
bedrock	bedrock		639		0.3	30.5
bedrock	bedrock		639		5.8	30.5
bedrock	bedrock		639		1.5	30.5

bedrock	bedrock	639	10.7	30.5
bedrock	bedrock	639	6.1	30.5
bedrock	bedrock	639	6.1	30.5
bedrock	bedrock	639	3	30.5
bedrock	bedrock	639	9.1	30.5
bedrock	bedrock	639	6.1	30.5
clay	low	aquitard	36.9	
clay	low	aquitard	11.9	
bedrock	bedrock	451	3	
bedrock	bedrock	aquitard	17.4	
bedrock	bedrock	aquitard	4.3	
bedrock	bedrock	451	48.4	
till	low	aquitard	3.7	17.5
bedrock	bedrock	451	4.8	17.5
bedrock	bedrock	451	6.4	17.5
bedrock	bedrock	451	2.8	17.5
bedrock	bedrock	451	0.9	17.5
bedrock	bedrock	451	2.4	17.5
bedrock	bedrock	451	1.9	17.5
bedrock	bedrock	451	0.9	17.5
silt/clay	low	aquitard	1.5	20.3
bedrock	bedrock	451	3.1	20.3
bedrock	bedrock	451	12.8	20.3
bedrock	bedrock	451	8.5	20.3
clay	low	aquitard	21.3	41.1
clay	low	aquitard	39.1	41.1
sand/gravel	permeable	permeable, dry	0.6	41.1
bedrock	bedrock	451	12.2	41.1
soil/organic	ambiguous	ambiguous	6.1	121.6
clay	low	aquitard	6.1	121.6
clay	low	aquitard	6.1	121.6
clay	low	aquitard	6.1	121.6
clay	low	aquitard	6.1	121.6
clay	low	aquitard	6.1	121.6
till	low	aquitard	6.1	121.6
till	low	aquitard	6.1	121.6
till	low	aquitard	6.1	121.6
till	low	aquitard	6.1	121.6
till	low	aquitard	6.1	121.6
till	low	aquitard	6.1	121.6
bedrock	bedrock	451	6	121.6
bedrock	bedrock	451	6.1	121.6

bedrock	bedrock	451	6.1	121.6
bedrock	bedrock	451	6.1	121.6
bedrock	bedrock	451	6.1	121.6
bedrock	bedrock	451	6.1	121.6
bedrock	bedrock	451	6.1	121.6
bedrock	bedrock	451	6.1	121.6
clay	low	aquitard	4.9	76.2
sand/gravel	permeable	permeable, dry	0.3	76.2
clay	low	aquitard	8.5	76.2
clay	low	aquitard	3.1	76.2
clay	low	aquitard	15.8	76.2
bedrock	bedrock	451	7.9	76.2
bedrock	bedrock	451	23.8	76.2
bedrock	bedrock	451	4.6	76.2
bedrock	bedrock	451	7.6	76.2
bedrock	bedrock	451	4.6	76.2
bedrock	bedrock	451	29.9	76.2
bedrock	bedrock	451	17.4	76.2
clay	low	aquitard	3.4	31.7
clay	low	aquitard	30.7	31.7
clay	low	aquitard	3.7	31.7
bedrock	bedrock	451	5.8	31.7
clay	low	aquitard	1.5	17.5
clay	low	aquitard	4.6	17.5
clay	low	aquitard	7.9	17.5
clay	low	aquitard	3.4	17.5
bedrock	bedrock	451	11.6	17.5
clay	low	aquitard	1.5	47.9
boulder/gravel	permeable	permeable, dry	1.2	47.9
clay	low	aquitard	28.4	47.9
bedrock	bedrock	451	3.3	47.9
bedrock	bedrock	451	1	47.9
bedrock	bedrock	451	3.6	47.9
bedrock	bedrock	451	0.3	47.9
bedrock	bedrock	451	13.4	47.9
bedrock	bedrock	451	1.9	47.9
bedrock	bedrock	451	0.3	47.9
till	low	aquitard	9.1	
bedrock	bedrock	621	1.6	
bedrock	bedrock	621	7.6	
bedrock	bedrock	621	3	
bedrock	bedrock	621	3.7	

bedrock	bedrock	621		5.5	
clay	low	aquitard		17.7	20.4
clay	low	aquitard		3	20.4
bedrock	bedrock	451		6.7	20.4
clay	low	aquitard		14	28.5
bedrock	bedrock	451		22.6	28.5
bedrock	bedrock	451		4.5	28.5
unknown/over	ambiguous	ambiguous	bedrock	3	76.2
CLAY/gravel	low	aquitard	bedrock	16.2	76.2
bedrock	bedrock	451	bedrock	17.4	76.2
bedrock	bedrock	451	bedrock	36.6	76.2
bedrock	bedrock	451	bedrock	36.5	76.2
bedrock	bedrock	451	bedrock	42.7	76.2
clay	low	aquitard		1.5	30.9
clay	low	aquitard		9.2	30.9
bedrock	bedrock	451		1.5	30.9
bedrock	bedrock	451		1.5	30.9
bedrock	bedrock	451		7.6	30.9
bedrock	bedrock	451		15.6	30.9
clay	low	aquitard		6.1	
clay	low	aquitard		6.1	
clay	low	aquitard		6.1	
clay	low	aquitard		6.1	
clay	low	aquitard		6.1	
clay	low	aquitard		12.2	
clay	low	aquitard		12.2	
clay	low	aquitard		6.1	
clay	low	aquitard		8.5	21.3
GRAVEL/silt	ambiguous	ambiguous		3.7	21.3
GRAVEL/silt	ambiguous	ambiguous		8.2	21.3
till	low	aquitard		1.2	21.3
GRAVEL/silt	ambiguous	permeable, dry		7.1	21.3
tbd	ambiguous	ambiguous		143.9	
clay	low	aquitard		46.9	39.9
SAND/clay	ambiguous	ambiguous		3.4	39.9
bedrock	bedrock	451		7.3	39.9
sand/gravel	permeable	442 687-442		6.1	1.2
sand/gravel	permeable	442 687-442		2.4	1.2
bedrock	bedrock	bedrock aquif.687-442		0.6	1.2
clay	low	aquitard		1.8	59.4
clay	low	aquitard		0.6	59.4
clay	low	aquitard		12.5	59.4

boulder/grave	permeable	permeable, dry		0.3	59.4
clay	low	aquitard		35.4	59.4
bedrock	bedrock	451		5.5	59.4
bedrock	bedrock	451		7.3	59.4
bedrock	bedrock	451		9.8	59.4
clay	low	aquitard	bedrock	9.1	21.2
bedrock	bedrock	451	bedrock	12.2	21.2
bedrock	bedrock	451	bedrock	6.1	21.2
bedrock	bedrock	451	bedrock	9.2	21.2
unknown/over	ambiguous	ambiguous		41.1	33.8
tbd	ambiguous	ambiguous		14	
bedrock	bedrock	593		17.1	
tbd	ambiguous	ambiguous		61.6	25
till	low	aquitard	923	9.8	
sand/gravel	permeable	923	923	1.5	
tbd	ambiguous	ambiguous		77.4	33.2
bedrock	bedrock	591		1.8	33.2
well construct	ambiguous	ambiguous		1.5	22.9
bedrock	bedrock	622		33.9	22.9
CLAY/sand	ambiguous	ambiguous		6.1	20.7
clay	low	aquitard		19.8	20.7
clay	low	aquitard		8.5	20.7
bedrock	bedrock	451		5.2	20.7
tbd	ambiguous	ambiguous		91.4	
well construct	ambiguous	ambiguous		39.6	50.6
bedrock	bedrock	bedrock aquifer		21.4	50.6
clay	low	aquitard		10.1	12.8
bedrock	bedrock	451		2.1	12.8
bedrock	bedrock	451		0.3	12.8
bedrock	bedrock	451		5.8	12.8
sand/gravel	permeable	442 687-442		6.1	1.2
sand/gravel	permeable	442 687-442		4.3	1.2
bedrock	bedrock	bedrock aquif.687-442		1.8	1.2
clay	low	aquitard		9.8	1.4
bedrock	bedrock	928		5.4	1.4
bedrock	bedrock	928		15.9	1.4
unknown/over	ambiguous	ambiguous		38.7	24.1
bedrock	bedrock	591		10.1	24.1
silt/clay	low	aquitard	630	4.6	6.4
silt/clay	low	aquitard	630	2.4	6.4
clay	low	aquitard	630	14	6.4
clay	low	aquitard	630	8.9	6.4

sand/gravel/cl	ambiguous	aquitard	630	630	4.2	6.4
sand/gravel/cl	ambiguous	aquitard	630	630	8.9	6.4
till	ambiguous	aquitard	630	630	17	6.4
CLAY/sand	low	aquitard	630	630	22	6.4
SAND/clay	ambiguous	aquitard	630	630	4.9	6.4
till	low	aquitard	630	630	12.2	6.4
clay	low	aquitard	630	630	4.8	6.4
sand/gravel	permeable		630	630	16.2	6.4
sand/gravel	permeable		630	630	1.8	6.4
sand/gravel	permeable		630	630	2.2	6.4
sand/gravel	permeable		630	630	10	6.4
sand/gravel	permeable		630	630	9.8	6.4
sand/gravel	permeable		630	630	2.4	6.4
unknown/overburden		bedrock			3.7	
bedrock	bedrock	bedrock aquif			19.2	
bedrock	bedrock	bedrock aquif			11.2	
bedrock	bedrock	bedrock aquif			3.7	
soil/organic	ambiguous	ambiguous	630		1	
silt	low	aquitard	630		2	8.2
silt/clay	low	aquitard	630		0.5	8.2
silt/clay	low	aquitard	630		1.5	8.2
SAND/clay	ambiguous	aquitard	630		6	8.2
silt/clay	low	aquitard	630		10	8.2
SAND/clay	ambiguous	aquitard	630		1.9	8.2
SAND/clay	ambiguous	aquitard	630		4.1	8.2
SAND/clay	ambiguous	aquitard	630		8	8.2
CLAY/sand	low	aquitard	630		13	8.2
SAND/clay	ambiguous	aquitard	630		3	8.2
GRAVEL/silt	ambiguous	aquitard	630		3	8.2
till	low	aquitard	630		5	8.2
SAND/clay	ambiguous	aquitard	630		2.9	8.2
SAND/clay	ambiguous	aquitard	630		2.1	8.2
GRAVEL/silt	ambiguous	aquitard	630		2	8.2
boulder/grave	permeable	aquitard	630		1.5	8.2
till	low	aquitard	630		4.5	8.2
CLAY/sand	low	aquitard	630		3	8.2
SAND/clay	ambiguous	aquitard	630		12	8.2
GRAVEL/silt	ambiguous	aquitard	630		2	8.2
GRAVEL/silt	ambiguous	aquitard	630		5	8.2
clay	low	aquitard	630		3	8.2
SAND/clay	ambiguous	aquitard	630		2	8.2
sand/gravel	permeable		630	630	4	8.2

sand/gravel	permeable		630	630	3	8.2
SAND/clay	ambiguous		630	630	3.8	8.2
SAND/clay	ambiguous		630	630	7.2	8.2
sand/gravel	permeable		630	630	17	8.2
sand/gravel	permeable		630	630	3	8.2
sand/gravel	permeable		630	630	2.6	8.2
silt	low	aquitard		630	3	
silt/clay	low	aquitard		630	5.5	
clay	low	aquitard		630	44.5	
CLAY/sand	low	aquitard		630	8	
SAND/clay	ambiguous	aquitard		630	20.1	
sand/gravel	permeable	permeable		630	3.9	
sand/gravel	permeable	permeable		630	8.9	
SAND/clay	ambiguous	aquitard		630	6.1	
sand/gravel	permeable	permeable		630	3	
SAND/clay	ambiguous	aquitard		630	8.9	
CLAY/sand	low	aquitard		630	12.2	
sand/gravel	permeable		630	630	7	
sand/gravel	permeable		630	630	7.9	
tbd			bedrock		21.9	
bedrock	bedrock	bedrock aquif	bedrock		39.7	
sand/gravel	permeable	permeable			44.2	76.8
clay	low	aquitard			89.3	76.8
bedrock	bedrock	bedrock aquifer			0.6	76.8
tbd			bedrock		25	
bedrock	bedrock	bedrock aquif	bedrock		18	
tbd	ambiguous	ambiguous			57.9	
bedrock	bedrock	bedrock aquifer			9.2	
unknown/over	ambiguous	ambiguous			67.4	0.6
bedrock	bedrock	bedrock aquifer			6.4	0.6
unknown/over	ambiguous	ambiguous			9.4	1.5
bedrock	bedrock		639		5.8	1.5
unknown/over	ambiguous	ambiguous			81.4	4.6
bedrock	bedrock	bedrock aquifer			3.9	4.6
unknown/over	ambiguous	ambiguous			79.2	
unknown/over	ambiguous	ambiguous			81.7	4.6
bedrock	bedrock	bedrock aquifer			3.6	4.6
tbd	ambiguous	ambiguous			153.9	81.7
bedrock	bedrock		593		6.1	81.7
tbd	ambiguous	ambiguous			55.8	39.6
bedrock	bedrock		593		3.6	39.6
tbd	ambiguous	ambiguous			159.1	



bedrock	bedrock	593		4.3	
tbd	ambiguous	ambiguous		99.1	
bedrock	bedrock	593		5.8	
tbd	ambiguous	ambiguous		72.8	
bedrock	bedrock	bedrock aquifer		2.5	
tbd	ambiguous	ambiguous		96	
bedrock	bedrock	593		4.9	
tbd	ambiguous	ambiguous		153.6	
tbd	ambiguous	ambiguous		97.2	
tbd	ambiguous	ambiguous		45.1	
bedrock	bedrock	593		5.8	
tbd	ambiguous	ambiguous		20.1	
tbd	ambiguous	ambiguous		18.9	
tbd			bedrock	32.9	
bedrock	bedrock	931	bedrock	114.9	
unknown/over	ambiguous	ambiguous		5.5	29
bedrock	bedrock	639		36.6	29
tbd				73.2	
tbd	ambiguous	ambiguous		35.7	6.7
tbd	ambiguous	ambiguous		12.2	22.3
bedrock	bedrock	634		15.2	22.3
tbd	ambiguous	ambiguous		46.6	
tbd	ambiguous	ambiguous		25	5.5
unknown/over	ambiguous	ambiguous		53	
bedrock	bedrock	451		44.5	
tbd	ambiguous	ambiguous		44.8	7.3
tbd				334.1	
unknown/over	burden		bedrock	29.9	
bedrock	bedrock	917	bedrock	123.1	
bedrock	bedrock	917		113.4	7
tbd	ambiguous	ambiguous		12.2	9.8
bedrock	bedrock	448		22.9	9.8
tbd	ambiguous	ambiguous		16.8	20.1
bedrock	bedrock	451		11.9	20.1
unknown/over	ambiguous	ambiguous		12.8	8.8
bedrock	bedrock	451		5.8	8.8
tbd	ambiguous	ambiguous		29.3	
bedrock	bedrock	593		1.2	
tbd	ambiguous	ambiguous		55.5	85.3
bedrock	bedrock	451		35.9	85.3
unknown/over	ambiguous	ambiguous		79.9	
bedrock	bedrock	bedrock aquifer		6.4	

tbd	ambiguous	ambiguous	10.7	19.8
bedrock	bedrock	593	25.9	19.8
unknown/overburden		bedrock	22.9	
bedrock	bedrock	441 bedrock	7.6	
tbd	ambiguous	ambiguous	64	29
bedrock	bedrock	448	21.3	
silt	low	aquitard	1.5	
sand/gravel	permeable	929	4.6	
sand/gravel	permeable	929	7.6	
sand/gravel	permeable	929	4	
sand/gravel	permeable	929	0.6	
till	low	aquitard	27.4	19.2
bedrock	bedrock	bedrock aquifer	15.3	19.2
bedrock	bedrock	bedrock aquifer	28.9	19.2
till	low	aquitard bedrock	18.3	
bedrock	bedrock	bedrock aquif bedrock	4.6	
bedrock	bedrock	bedrock aquif bedrock	0.6	
bedrock	bedrock	bedrock aquif bedrock	0.3	
bedrock	bedrock	bedrock aquif bedrock	1.2	
bedrock	bedrock	bedrock aquif bedrock	2.4	
bedrock	bedrock	bedrock aquif bedrock	1.6	
bedrock	bedrock	bedrock aquif bedrock	1.5	
bedrock	bedrock	bedrock aquif bedrock	1.5	
bedrock	bedrock	bedrock aquif bedrock	7.6	
bedrock	bedrock	bedrock aquif bedrock	1.2	
bedrock	bedrock	bedrock aquif bedrock	0.3	
bedrock	bedrock	bedrock aquif bedrock	1.6	
bedrock	bedrock	bedrock aquif bedrock	1.5	
bedrock	bedrock	bedrock aquif bedrock	0.3	
bedrock	bedrock	bedrock aquif bedrock	2.7	
bedrock	bedrock	bedrock aquif bedrock	6.4	
bedrock	bedrock	bedrock aquif bedrock	6.1	
bedrock	bedrock	bedrock aquif bedrock	14.7	
bedrock	bedrock	bedrock aquif bedrock	0.9	
bedrock	bedrock	bedrock aquif bedrock	14.3	
bedrock	bedrock	bedrock aquif bedrock	32	
clay	low	aquitard	15.2	58.2
bedrock	bedrock	451	6.1	58.2
bedrock	bedrock	451	38.1	58.2
bedrock	bedrock	451	10.7	58.2
bedrock	bedrock	451	12.2	58.2
bedrock	bedrock	451	3	58.2

unknown/over	ambiguous	ambiguous	aquifer, confir	3	22.3
sand/gravel	permeable	aquifer (uncor	aquifer, confir	58	22.3
clay	low	aquitard	aquifer, confir	12.2	22.3
sand/gravel/cl	ambiguous	ambiguous	aquifer, confir	9.1	22.3
till	low	aquitard	aquifer, confir	18.3	22.3
sand/gravel	permeable	594	aquifer, confir	12.2	22.3
boulder/grave	permeable	594	aquifer, confir	5.5	22.3
sand/gravel	permeable	permeable	923	3	11.8
sand/gravel	permeable	permeable	923	10.7	11.8
silt	low	aquitard	923	22.6	11.8
sand/gravel	permeable	923	923	1.2	11.8
unknown/over	ambiguous	ambiguous		4.6	34.7
sand/gravel	permeable	permeable, dry		13.7	34.7
clay	low	aquitard		6.1	34.7
bedrock	bedrock	451		13.7	34.7
bedrock	bedrock	451		3	34.7
bedrock	bedrock	451		3.1	34.7
bedrock	bedrock	451		3	34.7
bedrock	bedrock	451		7.7	34.7
bedrock	bedrock	451		5.5	34.7
till	low	aquitard	bedrock	9.1	48.8
bedrock	bedrock	451	bedrock	12.2	48.8
bedrock	bedrock	451	bedrock	3.1	48.8
bedrock	bedrock	451	bedrock	15.2	48.8
bedrock	bedrock	451	bedrock	1.5	48.8
bedrock	bedrock	451	bedrock	7.1	48.8
bedrock	bedrock	451	bedrock	0.6	48.8
bedrock	bedrock	451	bedrock	3	48.8
bedrock	bedrock	451	bedrock	3.1	48.8
bedrock	bedrock	451	bedrock	15.2	48.8
bedrock	bedrock	451	bedrock	8.2	48.8
bedrock	bedrock	451	bedrock	13.1	48.8
bedrock	bedrock	451	bedrock	7.7	48.8
bedrock	bedrock	451	bedrock	15.2	48.8
bedrock	bedrock	451	bedrock	36.6	48.8
unknown/over	ambiguous	ambiguous		1.5	25.3
clay	low	aquitard		10.7	25.3
bedrock	bedrock	593		48.8	25.3
silt/clay	low	aquitard		85.3	
sand/gravel	permeable	permeable		3.1	
sand/gravel	permeable	permeable	923	4	6.1
sand/gravel	permeable	permeable	923	3.6	6.1

CLAY/gravel	low	aquitard	923	3.1	6.1
sand/gravel	permeable		923	2.1	6.1
silt/clay	low	aquitard	923	0.6	6.1
sand/gravel	permeable		923	2.4	6.1
sand/gravel	permeable		923	0.4	6.1
sand/gravel	permeable		923	0.6	6.1
sand/gravel	permeable		923	3.3	6.1
boulder/gravel	permeable		923	0.9	6.1
sand/gravel	permeable		923	0.6	6.1
till	low	aquitard	923	1.3	6.1
clay	low	aquitard		3	
sand/gravel	permeable	permeable		25.3	
clay	low	aquitard		2.2	
sand/gravel	permeable	permeable		17	
till	low	aquitard		41.8	
bedrock	bedrock		765	7	
till	low	aquitard		9.8	12.2
bedrock	bedrock		451	0.6	12.2
bedrock	bedrock		451	0.3	12.2
bedrock	bedrock		451	9.1	12.2
bedrock	bedrock		451	0.9	12.2
bedrock	bedrock		451	1.2	12.2
bedrock	bedrock		451	1.3	12.2
till	low	aquitard		6.1	
bedrock	bedrock	bedrock aquifer		134.1	
well construct	ambiguous	ambiguous		9.8	9.8
till	low	aquitard		7.9	9.8
bedrock	bedrock		595	2.1	9.8
bedrock	bedrock		595	3.1	9.8
till	low	aquitard		4.6	34.6
bedrock	bedrock		639	3	34.6
bedrock	bedrock		639	1.5	34.6
bedrock	bedrock		639	16.8	34.6
bedrock	bedrock		639	29	34.6
clay	low	aquitard		33.5	13.1
bedrock	bedrock		451	0.6	13.1
clay	low	aquitard	aquifer, confir	12.2	30.5
CLAY/sand	ambiguous	ambiguous	aquifer, confir	6.1	30.5
sand/gravel	permeable	590	aquifer, confir	9.1	30.5
sand/gravel	permeable	permeable, dr	aquifer, confir	3.1	30.5
till	low	aquitard	aquifer, confir	10.7	30.5
clay	low	aquitard	630	33.5	

GRAVEL/silt	ambiguous	aquitard	630	16.8		
silt	low	aquitard	630	1.5		
clay	low	aquitard	630	5.5		
sand/gravel	permeable		630	630	0.6	
silt/clay	low	aquitard	630	630	39.6	2.4
GRAVEL/silt	ambiguous		630	630	0.9	2.4
clay	low		630	630	1.6	2.4
sand/gravel	permeable		630	630	2.1	2.4
clay	low	aquitard	bedrock		7.9	11
bedrock	bedrock		591	bedrock	7.3	11
bedrock	bedrock		591	bedrock	1	11
bedrock	bedrock		591	bedrock	5.1	11
till	low	aquitard			12.2	
sand/gravel	permeable	bedrock	aquifer		3	
bedrock	bedrock	bedrock	aquifer		9.2	
bedrock	bedrock	bedrock	aquifer		10.7	
bedrock	bedrock	bedrock	aquifer		32	
bedrock	bedrock	bedrock	aquifer		22.8	
bedrock	bedrock	bedrock	aquifer		32	
sand/gravel	permeable	permeable	bedrock		6.1	50.6
silt	low	aquitard	bedrock		6.1	50.6
silt	low	aquitard	bedrock		6.1	50.6
silt	low	aquitard	bedrock		6.1	50.6
silt/clay	low	aquitard	bedrock		6.1	50.6
till	low	aquitard	bedrock		6.1	50.6
till	low	aquitard	bedrock		6.1	50.6
till	low	aquitard	bedrock		6.1	50.6
till	low	aquitard	bedrock		6.1	50.6
till	low	aquitard	bedrock		6.1	50.6
till	low	aquitard	bedrock		6.1	50.6
bedrock	bedrock		591	bedrock	6.1	50.6
clay	low	aquitard			3	19.2
bedrock	bedrock		451		9.2	19.2
bedrock	bedrock		451		7.6	19.2
bedrock	bedrock		451		5.2	19.2
bedrock	bedrock		451		4.6	19.2
clay	low	aquitard			6.1	
clay	low	aquitard			4.9	
bedrock	bedrock		622		7.3	
bedrock	bedrock		622		6.1	
bedrock	bedrock		622		6.1	
bedrock	bedrock		622		1.5	
bedrock	bedrock		622		4.6	

bedrock	bedrock	622	6.1	
bedrock	bedrock	622	3	
bedrock	bedrock	622	0.3	
bedrock	bedrock	622	1.9	
clay	low	aquitard	1.7	23
bedrock	bedrock	451	30.9	23
bedrock	bedrock	451	0.9	23
clay	low	aquitard	6.1	27.1
clay	low	aquitard	10.7	27.1
clay	low	aquitard	30.4	27.1
sand/gravel	permeable	permeable, dry	13.8	27.1
till	low	aquitard	3.6	27.1
bedrock	bedrock	451	6.1	27.1
till	low	aquitard	20.7	59.4
bedrock	bedrock	451	3.7	59.4
bedrock	bedrock	451	1.5	59.4
bedrock	bedrock	451	13.7	59.4
bedrock	bedrock	451	1.9	59.4
bedrock	bedrock	451	5.7	59.4
bedrock	bedrock	451	1	59.4
bedrock	bedrock	451	4.2	59.4
bedrock	bedrock	451	0.9	59.4
bedrock	bedrock	451	6.1	59.4
bedrock	bedrock	451	0.6	59.4
bedrock	bedrock	451	11.6	59.4
bedrock	bedrock	451	0.9	59.4
bedrock	bedrock	451	6.7	59.4
bedrock	bedrock	451	4.6	59.4
clay	low	aquitard	3.7	52.1
clay	low	aquitard	8.5	52.1
bedrock	bedrock	639	10.4	52.1
bedrock	bedrock	639	1.8	52.1
bedrock	bedrock	639	20.4	52.1
bedrock	bedrock	639	1.2	52.1
bedrock	bedrock	639	2.8	52.1
bedrock	bedrock	639	20.1	52.1
clay	low	aquitard	4.9	48.8
bedrock	bedrock	639	3	48.8
bedrock	bedrock	639	14.4	48.8
bedrock	bedrock	639	9.1	48.8
bedrock	bedrock	639	2.1	48.8
bedrock	bedrock	639	0.3	48.8

bedrock	bedrock	639	19.2	48.8
bedrock	bedrock	639	4	48.8
bedrock	bedrock	639	2.1	48.8
bedrock	bedrock	639	4.9	48.8
sand/gravel	permeable	917	57.9	68.3
sand/gravel	permeable	917	1.5	68.3
sand/gravel	permeable	917	3.1	68.3
SAND/clay	ambiguous	ambiguous	9.7	68.3
bedrock	bedrock	917	6.4	68.3
bedrock	bedrock	917	3.7	68.3
bedrock	bedrock	917	6.7	68.3
bedrock	bedrock	917	0.9	68.3
bedrock	bedrock	917	4	68.3
bedrock	bedrock	917	1.2	68.3
bedrock	bedrock	917	0.9	68.3
bedrock	bedrock	917	4	68.3
bedrock	bedrock	917	0.6	68.3
bedrock	bedrock	917	11.6	68.3
bedrock	bedrock	917	15.2	68.3
clay	low	aquitard	6.1	18.2
silt	low	aquitard	9.1	18.2
clay	low	aquitard	8.3	18.2
bedrock	bedrock	451	0.6	18.2
bedrock	bedrock	451	1.5	18.2
bedrock	bedrock	451	1.2	18.2
bedrock	bedrock	451	4.9	18.2
bedrock	bedrock	451	0.6	18.2
sand/gravel	permeable	permeable, dry	0.5	15.8
clay	low	aquitard	10.2	15.8
clay	low	aquitard	4.5	15.8
bedrock	bedrock	451	1.6	15.8
bedrock	bedrock	451	1.5	15.8
bedrock	bedrock	451	3.2	15.8
till	low	aquitard	1.8	
bedrock	bedrock	451	28.7	
till	low	aquitard	3	
till	low	aquitard	6.1	
bedrock	bedrock	bedrock aquifer	6.1	
bedrock	bedrock	bedrock aquifer	27.5	
till	low	aquitard	3	
bedrock	bedrock	932	5.5	
bedrock	bedrock	932	3.7	

bedrock	bedrock	932		6.1	
bedrock	bedrock	932		9.1	
bedrock	bedrock	932		1.6	
bedrock	bedrock	932		7	
bedrock	bedrock	932		1.8	
bedrock	bedrock	932		9.4	
sand/gravel	permeable	permeable		5.5	
silt/clay	low	aquitard		25	
sand/gravel	permeable	permeable		18.3	
SAND/clay	ambiguous	ambiguous		12.2	
sand/gravel	permeable	permeable		13.4	
sand/gravel/cl	ambiguous	ambiguous		0.6	
GRAVEL/silt	ambiguous	ambiguous		4.2	
sand/gravel	permeable	permeable		3.4	
till	low	aquitard		3	
bedrock	bedrock	688		14.7	
bedrock	bedrock	688		58.5	
			bedrock	2.7	
clay	low	aquitard	bedrock	8.3	13
bedrock	bedrock	451	bedrock	4.5	13
bedrock	bedrock	451	bedrock	2.5	13
clay	low	aquitard		1.8	1.4
till	low	aquitard		3.4	1.4
clay	low	aquitard		9.1	1.4
sand/gravel	permeable	aquifer (confined)		3.1	1.4
clay	low	aquitard		1.2	
bedrock	bedrock	593		59.8	
till	low	aquitard		21.9	1.8
bedrock	bedrock	688		22.3	1.8
bedrock	bedrock	688		2.4	1.8
bedrock	bedrock	688		3.7	1.8
bedrock	bedrock	688		32	1.8
bedrock	bedrock	688		3	1.8
bedrock	bedrock	688		1.3	1.8
sand/gravel	permeable	permeable, dry		1.5	
clay	low	aquitard		1.2	
bedrock	bedrock	451		12.5	
bedrock	bedrock	451		3.1	
bedrock	bedrock	451		6.1	
bedrock	bedrock	451		21.3	
bedrock	bedrock	451		2.5	
bedrock	bedrock	451		9.7	



bedrock	bedrock		451	13.7	
bedrock	bedrock		451	1.6	
till	low	aquitard		1.5	
bedrock	bedrock		932	7.6	
bedrock	bedrock		932	1.6	
bedrock	bedrock		932	10	
bedrock	bedrock		932	0.6	
bedrock	bedrock		932	1.6	
bedrock	bedrock		932	1.2	
bedrock	bedrock		932	14.6	
bedrock	bedrock		932	3.4	
bedrock	bedrock		932	1.2	
bedrock	bedrock		932	4.2	
bedrock	bedrock		932	4.3	
bedrock	bedrock		932	1.2	
bedrock	bedrock		932	17.1	
bedrock	bedrock		932	20.7	
sand/gravel	permeable	permeable, dry		3	
clay	low	aquitard		4	
bedrock	bedrock		451	11.3	
bedrock	bedrock		451	1.5	
bedrock	bedrock		451	3.1	
bedrock	bedrock		451	19.8	
bedrock	bedrock		451	7.6	
bedrock	bedrock		451	2.7	
bedrock	bedrock		451	14.1	
bedrock	bedrock		451	0.9	
bedrock	bedrock		451	2.1	
bedrock	bedrock		451	27.4	
bedrock	bedrock		451	6.1	
bedrock	bedrock		451	3.1	
bedrock	bedrock		451	24.4	
bedrock	bedrock		451	9.1	
bedrock	bedrock		451	4.6	
bedrock	bedrock		451	19.8	
CLAY/sand	ambiguous	ambiguous		4	16.2
bedrock	bedrock		451	8.8	16.2
bedrock	bedrock		451	1.2	16.2
bedrock	bedrock		451	4.6	16.2
bedrock	bedrock		451	0.9	16.2
bedrock	bedrock		451	3.1	16.2
till	low	aquitard	bedrock	3	

bedrock	bedrock	932	bedrock	9.2	
bedrock	bedrock	932	bedrock	5.2	
bedrock	bedrock	932	bedrock	10	
bedrock	bedrock	932	bedrock	1.6	
bedrock	bedrock	932	bedrock	7.6	
bedrock	bedrock	932	bedrock	0.9	
bedrock	bedrock	932	bedrock	9.7	
clay	low		aquitard	1.8	15.2
till	low		aquitard	2.5	15.2
bedrock	bedrock	688		4.2	15.2
bedrock	bedrock	688		18.9	15.2
bedrock	bedrock	688		6.1	15.2
bedrock	bedrock	688		12.2	15.2
till	low		aquitard	2.4	
bedrock	bedrock	932		1.9	
bedrock	bedrock	932		8.5	
bedrock	bedrock	932		1.8	
bedrock	bedrock	932		0.3	
bedrock	bedrock	932		0.9	
bedrock	bedrock	932		1	
bedrock	bedrock	932		1.5	
bedrock	bedrock	932		4.3	
bedrock	bedrock	932		0.6	
bedrock	bedrock	932		1.2	
bedrock	bedrock	932		0.6	
bedrock	bedrock	932		0.9	
bedrock	bedrock	932		1.2	
bedrock	bedrock	932		0.6	
bedrock	bedrock	932		4.3	
bedrock	bedrock	932		1.2	
bedrock	bedrock	932		0.6	
bedrock	bedrock	932		0.3	
bedrock	bedrock	932		1	
bedrock	bedrock	932		0.9	
till	low		aquitard	3	
silt	low		aquitard	22.9	
bedrock	bedrock	451		5.2	
bedrock	bedrock	451		48.1	
bedrock	bedrock	451		12.2	
unknown/overburden			626	4.3	
silt/clay	low		aquitard	626	7.9
till	low		aquitard	626	7.9

sand/gravel	permeable		626	626	3.6	7.9
sand/gravel/cl	ambiguous		626	626	0.2	7.9
till	low	aquitard		bedrock	11.3	23.2
bedrock	bedrock		451	bedrock	4.5	23.2
bedrock	bedrock		451	bedrock	8.3	23.2
bedrock	bedrock		451	bedrock	8.2	23.2
bedrock	bedrock		451	bedrock	2.8	23.2
CLAY/gravel	low	aquitard			0.7	
sand/gravel	permeable	permeable			5.4	
clay	low	aquitard			0.7	
CLAY/sand	low	aquitard			8.8	
CLAY/gravel	low	aquitard			26.3	
clay	low	aquitard			1.5	
sand/gravel	permeable	permeable			4.9	
till	low	aquitard		bedrock	33.2	33.2
bedrock	bedrock		451	bedrock	1.5	33.2
bedrock	bedrock		451	bedrock	3.4	33.2
till	low	aquitard		bedrock	7.6	23.8
bedrock	bedrock		451	bedrock	1.5	23.8
bedrock	bedrock		451	bedrock	2.5	23.8
bedrock	bedrock		451	bedrock	0.6	23.8
bedrock	bedrock		451	bedrock	6.1	23.8
bedrock	bedrock		451	bedrock	1.2	23.8
bedrock	bedrock		451	bedrock	3.4	23.8
bedrock	bedrock		451	bedrock	1.8	23.8
bedrock	bedrock		451	bedrock	0.6	23.8
bedrock	bedrock		451	bedrock	2.1	23.8
bedrock	bedrock		451	bedrock	2.8	23.8
bedrock	bedrock		451	bedrock	3.3	23.8
bedrock	bedrock		451	bedrock	0.6	23.8
bedrock	bedrock		451	bedrock	1	23.8
till	low	aquitard			50.3	
bedrock	bedrock		451		7.6	
bedrock	bedrock		451		7.6	
clay	low	aquitard			26.5	
bedrock	bedrock		451		35.7	
bedrock	bedrock		451		12.8	
bedrock	bedrock		451		4.6	
bedrock	bedrock	bedrock aquifer			4.5	39.3
bedrock	bedrock	bedrock aquifer			1.2	39.3
bedrock	bedrock	bedrock aquifer			1.3	39.3
bedrock	bedrock	bedrock aquifer			4.5	39.3

sand/gravel	permeable	permeable	bedrock		3	
bedrock	bedrock		934	bedrock	21.4	
bedrock	bedrock		934	bedrock	7.6	
till	low	aquitard			9.8	6.7
bedrock	bedrock		451		9.4	6.7
bedrock	bedrock		451		0.6	6.7
bedrock	bedrock		451		3.1	6.7
till	low	aquitard			2.4	11.3
bedrock	bedrock		627		90.9	11.3
bedrock	bedrock		627		7.3	11.3
till	low	aquitard			1.8	
sand/gravel	permeable		934		1.9	
bedrock	bedrock		934		15.8	
till	low	aquitard			33.5	
bedrock	bedrock		622		25.9	
bedrock	bedrock		622		6.1	
bedrock	bedrock		622		5.8	
bedrock	bedrock		622		1.5	
soil/organic	ambiguous	ambiguous		626	0.6	
clay	low	aquitard		626	3.1	
till	low	aquitard		626	74	
clay	low	aquitard		626	0.9	
sand/gravel	permeable	permeable		626	3.1	
till	low	aquitard		626	3.6	
clay	low	aquitard		626	15	
silt/clay	low	aquitard		626	1.8	
sand/gravel	permeable		626	626	5.2	
sand/gravel	permeable		626	626	9.4	
bedrock	bedrock	bedrock aquif		626	11.3	
CLAY/gravel	low	aquitard			3	
till	low	aquitard			7.7	
bedrock	bedrock		621		0.6	
bedrock	bedrock		621		0.6	
bedrock	bedrock		621		1.5	
bedrock	bedrock		621		0.6	
bedrock	bedrock		621		2.2	
bedrock	bedrock		621		0.9	
till	low	aquitard			26.3	9.8
bedrock	bedrock	bedrock aquifer			9.1	9.8
soil/organic	ambiguous	ambiguous		626	0.6	
silt	low	aquitard		626	13.1	
till	low	aquitard		626	83.8	

sand/gravel	permeable	626	626	33.6	
sand/gravel	permeable	626	626	30.4	
sand/gravel/cl	ambiguous	ambiguous	626	12.2	
silt/clay	low	aquitard	626	47.3	
clay	low	aquitard		4.6	
bedrock	bedrock	931		18.3	
bedrock	bedrock	931		105.1	
till	low	aquitard	aquifer, confir	5.5	6.7
sand/gravel/cl	ambiguous	ambiguous	aquifer, confir	1.2	6.7
till	low	aquitard	aquifer, confir	4.9	6.7
sand/gravel	permeable	aquifer (confir	aquifer, confir	1.8	6.7
till	low	aquitard	aquifer, confir	4.3	6.7
bedrock	bedrock	bedrock	aquifer	1.2	
bedrock	bedrock	bedrock	aquifer	3.3	
bedrock	bedrock	bedrock	aquifer	7.7	
bedrock	bedrock	bedrock	aquifer	6.7	
bedrock	bedrock	bedrock	aquifer	3.9	
bedrock	bedrock	bedrock	aquifer	4.6	
bedrock	bedrock	bedrock	aquifer	3.4	
silt/clay	low	aquitard		23.8	68.6
till	low	aquitard		10	68.6
bedrock	bedrock	917		57.6	68.6
till	low	aquitard		9.1	36.6
bedrock	bedrock	451		9.2	36.6
bedrock	bedrock	451		6.1	36.6
bedrock	bedrock	451		27.4	36.6
bedrock	bedrock	451		6.1	36.6
bedrock	bedrock	451		8.2	36.6
bedrock	bedrock	451		7.1	36.6
bedrock	bedrock	451		10.6	36.6
soil/organic	ambiguous	ambiguous	626	0.6	
till	low	aquitard	626	84.7	
silt/clay	low	aquitard	626	8	
sand/gravel	permeable	626	626	4.2	
sand/gravel	permeable	626	626	6.1	
sand/gravel	permeable	626	626	20.1	
SAND/clay	ambiguous	ambiguous	626	33	
silt/clay	low	aquitard	626	1.8	
SAND/clay	ambiguous	ambiguous	626	6.1	
SAND/clay	ambiguous	ambiguous	626	21.3	
silt/clay	low	aquitard	626	3.1	
clay	low	aquitard	687-442	3	21.3

CLAY/sand	ambiguous	ambiguous	687-442		13.2	21.3
bedrock	bedrock	bedrock	aquif	687-442	7.6	21.3
clay	low	aquitard		626	5.5	
CLAY/sand	low	aquitard		626	37.2	
silt/clay	low	aquitard		626	12.2	
silt/clay	low	aquitard		626	25	
sand/gravel	permeable		626	626	7.3	
clay	low	aquitard		626	0.3	
sand/gravel	permeable		626	626	1.5	
clay	low	aquitard	bedrock		6.1	4.6
bedrock	bedrock		639	bedrock	7	4.6
bedrock	bedrock		639	bedrock	5.8	4.6
silt/clay	low	aquitard			4.9	
clay	low	aquitard			4.9	
till	low	aquitard			0.9	
bedrock	bedrock		451		6.4	
bedrock	bedrock		451		0.9	
bedrock	bedrock		451		8.5	
bedrock	bedrock		451		1.5	
bedrock	bedrock		451		14.1	
bedrock	bedrock		451		1.8	
bedrock	bedrock		451		3.6	
bedrock	bedrock		451		4.6	
bedrock	bedrock		451		1.2	
till	ambiguous	aquitard			13.1	
sand/gravel	permeable	aquifer (confined)			1.6	
till	low	aquitard	bedrock		2.1	
boulder/grave	permeable	permeable	bedrock		0.9	
sand/gravel	permeable	permeable	bedrock		1.6	
SAND/clay	ambiguous	ambiguous	bedrock		0.3	
bedrock	bedrock		934	bedrock	3.6	
bedrock	bedrock		934	bedrock	0.9	
bedrock	bedrock		934	bedrock	3.1	
bedrock	bedrock		934	bedrock	0.9	
bedrock	bedrock		934	bedrock	5.8	
bedrock	bedrock		934	bedrock	2.1	
clay	low	aquitard			9.8	21.9
bedrock	bedrock		591		7	21.9
bedrock	bedrock		591		7.6	21.9
bedrock	bedrock		591		6.1	21.9
bedrock	bedrock		591		30.5	21.9
bedrock	bedrock		591		30.4	21.9

clay	low	aquitard	7.3	18.3
bedrock	bedrock	591	3.7	18.3
bedrock	bedrock	591	7.3	18.3
bedrock	bedrock	591	12.2	18.3
bedrock	bedrock	591	12.2	18.3
bedrock	bedrock	591	18.3	18.3
clay	low	aquitard	18.3	31.4
bedrock	bedrock	591	67	31.4
bedrock	bedrock	591	6.1	31.4
bedrock	bedrock	591	18.3	31.4
till	low	aquitard	3.7	39.6
bedrock	bedrock	451	20.1	39.6
bedrock	bedrock	451	3.6	39.6
bedrock	bedrock	451	1.3	39.6
bedrock	bedrock	451	1.8	39.6
bedrock	bedrock	451	3	39.6
bedrock	bedrock	451	29.9	39.6
bedrock	bedrock	451	2.1	39.6
bedrock	bedrock	451	6.1	39.6
bedrock	bedrock	451	6.1	39.6
clay	low	aquitard	5.5	19.9
bedrock	bedrock	451	12.8	19.9
bedrock	bedrock	451	11.3	19.9
silt/clay	low	aquitard	3	24.7
bedrock	bedrock	639	0.7	24.7
bedrock	bedrock	639	8.5	24.7
bedrock	bedrock	639	3	24.7
bedrock	bedrock	639	1.9	24.7
bedrock	bedrock	639	0.6	24.7
bedrock	bedrock	639	2.1	24.7
bedrock	bedrock	639	2.1	24.7
bedrock	bedrock	639	1	24.7
bedrock	bedrock	639	3	24.7
bedrock	bedrock	639	3.1	24.7
bedrock	bedrock	639	0.6	24.7
bedrock	bedrock	639	0.3	24.7
bedrock	bedrock	639	3	24.7
bedrock	bedrock	639	2.8	24.7
bedrock	bedrock	639	0.9	24.7
bedrock	bedrock	639	0.6	24.7
bedrock	bedrock	639	0.6	24.7
bedrock	bedrock	639	1.8	24.7

bedrock	bedrock	639		0.9	24.7
bedrock	bedrock	639		0.3	24.7
bedrock	bedrock	639		0.3	24.7
bedrock	bedrock	639		0.6	24.7
bedrock	bedrock	639		8.5	24.7
bedrock	bedrock	639		7.3	24.7
bedrock	bedrock	639		7	24.7
bedrock	bedrock	639		3.1	24.7
bedrock	bedrock	639		3	24.7
bedrock	bedrock	639		0.3	24.7
soil/organic	ambiguous	ambiguous		0.6	
GRAVEL/silt	ambiguous	ambiguous		13.1	21.3
till	low	aquitard		36.6	21.3
bedrock	bedrock	689		28.9	21.3
clay	low	aquitard		10.7	
till	low	aquitard		0.9	
SAND/silt	permeable	permeable, dry		1.2	
bedrock	bedrock	bedrock aquifer		1.2	
bedrock	bedrock	bedrock aquifer		0.6	
bedrock	bedrock	bedrock aquifer		0.9	
silt/clay	low	aquitard	910	48.8	48.8
GRAVEL/silt	ambiguous	aquitard	910	6.1	48.8
sand/gravel	permeable		910 910	5.1	48.8
sand/gravel	permeable		910 910	1	48.8
sand/gravel	permeable	permeable	bedrock	9.1	
bedrock	bedrock	934	bedrock	1.3	
sand/gravel	permeable	permeable	bedrock	2.1	
soil/organic	ambiguous	ambiguous		3	
till	low	aquitard		10.7	
bedrock	bedrock	451		8.9	
bedrock	bedrock	451		10.9	
till	low	aquitard		18.3	
till	low	aquitard		7.6	
bedrock	bedrock	933		7.6	
bedrock	bedrock	933		4.6	
bedrock	bedrock	933		33.5	
bedrock	bedrock	933		56.4	
till	low	aquitard	bedrock	6.1	9.1
till	low	aquitard	bedrock	0.6	9.1
sand/gravel	permeable	permeable, dr	bedrock	2.4	9.1
bedrock	bedrock	451	bedrock	1.9	9.1
bedrock	bedrock	451	bedrock	1.8	9.1



bedrock	bedrock		451 bedrock	4	9.1
bedrock	bedrock		451 bedrock	0.3	9.1
bedrock	bedrock		451 bedrock	1.2	9.1
till	low	aquitard		1.2	15.2
bedrock	bedrock		634	8.9	15.2
bedrock	bedrock		634	1.2	15.2
bedrock	bedrock		634	5.2	15.2
bedrock	bedrock		634	0.3	15.2
bedrock	bedrock		634	3.9	15.2
bedrock	bedrock		634	0.6	15.2
bedrock	bedrock		634	3.7	15.2
bedrock	bedrock		634	1.2	15.2
bedrock	bedrock		634	2.1	15.2
bedrock	bedrock		634	0.7	15.2
till	low	aquitard	bedrock	15.8	80.5
till	low	aquitard	bedrock	11	80.5
bedrock	bedrock		451 bedrock	3.7	80.5
bedrock	bedrock		451 bedrock	22.8	80.5
bedrock	bedrock		451 bedrock	12.2	80.5
bedrock	bedrock		451 bedrock	10.7	80.5
bedrock	bedrock		451 bedrock	6.1	80.5
bedrock	bedrock		451 bedrock	33.5	80.5
bedrock	bedrock		593	3.1	35.1
bedrock	bedrock		451 bedrock	176.8	80.5
silt/clay	low	aquitard	bedrock	10.7	15.8
bedrock	bedrock		451 bedrock	5.5	15.8
bedrock	bedrock		451 bedrock	2.1	15.8
bedrock	bedrock		451 bedrock	3	15.8
bedrock	bedrock		451 bedrock	4	15.8
till	low	aquitard		55.5	54.9
bedrock	bedrock		451	3.9	54.9
bedrock	bedrock		451	12.2	54.9
bedrock	bedrock		451	12.2	54.9
bedrock	bedrock		451	7.6	54.9
till	low	aquitard		1.8	
bedrock	bedrock		bedrock aquifer	7.6	
bedrock	bedrock		bedrock aquifer	0.7	
bedrock	bedrock		bedrock aquifer	8.8	
bedrock	bedrock		bedrock aquifer	10.1	
unknown/over	ambiguous	ambiguous	687-442	2.4	3.4
GRAVEL/silt	ambiguous	ambiguous	687-442	2.2	3.4
GRAVEL/silt	ambiguous	ambiguous	687-442	0.6	3.4

sand/gravel	permeable		444 687-442	7	3.4	
till	low	aquitard		11	12.2	
bedrock	bedrock		688	0.6	12.2	
bedrock	bedrock		688	8.2	12.2	
bedrock	bedrock		688	9.2	12.2	
bedrock	bedrock		688	6.1	12.2	
bedrock	bedrock		627	3.7	7.6	
bedrock	bedrock		627	16.1	7.6	
bedrock	bedrock		627	9.2	7.6	
bedrock	bedrock		627	25.9	7.6	
tbd			626	5.5		
GRAVEL/silt	ambiguous	ambiguous	626	3.6		
silt	low	aquitard	626	70.1		
sand/gravel	permeable	permeable	626	3.1		
silt	low	aquitard	626	25.9		
sand/gravel	permeable		626	626	8.5	
bedrock	bedrock		932		11.3	
bedrock	bedrock		932		5.5	
bedrock	bedrock		932		1.5	
bedrock	bedrock		932		9.1	
bedrock	bedrock		932		1.6	
bedrock	bedrock		932		5.1	
bedrock	bedrock		932		2.5	
bedrock	bedrock		932		15.2	
bedrock	bedrock		932		3.1	
bedrock	bedrock		932		12.2	
bedrock	bedrock		932		9.1	
bedrock	bedrock		932		70.1	
bedrock	bedrock		627		42.7	
clay	low	aquitard			4.6	
clay	low	aquitard			11.2	
silt	low	aquitard			13.2	
CLAY/gravel	low	aquitard			8.5	5.5
till	low	aquitard			24.4	5.5
bedrock	bedrock	bedrock aquifer			20.4	5.5
soil/organic	low	aquitard			0.6	
till	low	aquitard			22	
bedrock	bedrock		634		0.9	
bedrock	bedrock		634		2.4	
bedrock	bedrock		634		1.5	
bedrock	bedrock		634		2.5	
till	low	aquitard			19.8	

bedrock	bedrock		931		41.2	
bedrock	bedrock		931		18.2	
bedrock	bedrock		931		9.2	
till	low	aquitard			16.8	35.1
bedrock	bedrock		593		38.1	35.1
bedrock	bedrock		593		24.3	35.1
bedrock	bedrock		593		2.1	35.1
clay	low	aquitard		bedrock	1.5	18.1
bedrock	bedrock		451	bedrock	0.9	18.1
bedrock	bedrock		451	bedrock	2.2	18.1
bedrock	bedrock		451	bedrock	23.4	18.1
bedrock	bedrock		451	bedrock	0.7	18.1
bedrock	bedrock		451	bedrock	1.2	18.1
clay	low	aquitard			29.9	
till	low	aquitard			12.8	
clay	low	aquitard		bedrock	1.5	18
till	low	aquitard		bedrock	1.5	18
bedrock	bedrock		451	bedrock	7.7	18
bedrock	bedrock		451	bedrock	6.1	18
bedrock	bedrock		451	bedrock	7.6	18
bedrock	bedrock		451	bedrock	2.1	18
bedrock	bedrock		451	bedrock	1.2	18
bedrock	bedrock		451	bedrock	1.3	18
bedrock	bedrock		451	bedrock	2.4	18
till	low	aquitard			13.7	
bedrock	bedrock		451		71.6	
bedrock	bedrock		451		13.8	
soil/organic	ambiguous	ambiguous			5.5	
sand/gravel	permeable	permeable			36.5	
clay	low	aquitard			12.2	
clay	low	aquitard			2.5	
sand/gravel	permeable	permeable			0.6	
till	low	aquitard		bedrock	7	18.6
bedrock	bedrock		639	bedrock	21	18.6
bedrock	bedrock		639	bedrock	2.8	18.6
bedrock	bedrock		639	bedrock	5.5	18.6
boulder/grave	permeable		934		6.7	
bedrock	bedrock		934		3.4	
bedrock	bedrock		934		2.1	
till	low	aquitard		bedrock	14.3	19.5
bedrock	bedrock		451	bedrock	9.8	19.5
bedrock	bedrock		451	bedrock	5.5	19.5

clay	low	aquitard		8.5	35.7
bedrock	bedrock	639		34.2	35.7
bedrock	bedrock	639		2.1	35.7
bedrock	bedrock	639		4.6	35.7
bedrock	bedrock	639		1.2	35.7
bedrock	bedrock	639		4.3	35.7
clay	low	aquitard		6.7	11.9
bedrock	bedrock	639		9.1	11.9
bedrock	bedrock	639		2.2	11.9
bedrock	bedrock	639		4.9	11.9
unknown/over	ambiguous	ambiguous	bedrock	1.5	
till	low	aquitard	bedrock	6.1	
till	low	aquitard	bedrock	9.2	
bedrock	bedrock	451	bedrock	13.7	
bedrock	bedrock	451	bedrock	12.2	
sand/gravel/cl	ambiguous	ambiguous		3.7	
sand/gravel	permeable	permeable		1.8	
till	low	aquitard		13.1	11.6
bedrock	bedrock	688		25.9	11.6
bedrock	bedrock	688		14.3	11.6
silt/clay	low	aquitard	626	3.7	
silt/clay	low	aquitard	626	43.5	
silt/clay	low	aquitard	626	16.2	
clay	low	aquitard	626	2.7	
sand/gravel	permeable	626	626	5.5	
clay	low	aquitard	626	0.4	
till	low	aquitard		2.4	
bedrock	bedrock	688		0.7	
bedrock	bedrock	688		1.8	
bedrock	bedrock	688		2.1	
bedrock	bedrock	688		0.3	
bedrock	bedrock	688		12.5	
bedrock	bedrock	688		1.8	
bedrock	bedrock	688		18.9	
bedrock	bedrock	688		2.2	
bedrock	bedrock	688		7.3	
till	low	aquitard		10.4	39.3
bedrock	bedrock	688		15.8	39.3
bedrock	bedrock	688		65.2	39.3
till	low	aquitard		4.3	
till	low	aquitard		2.7	
bedrock	bedrock	639		11.6	

bedrock	bedrock	639	0.3	
bedrock	bedrock	639	14.6	
bedrock	bedrock	639	0.6	
bedrock	bedrock	639	20.8	
bedrock	bedrock	639	28	
bedrock	bedrock	bedrock aquifer	15.3	25.3
bedrock	bedrock	bedrock aquifer	6.1	25.3
clay	low	aquitard	17.1	
CLAY/gravel	low	aquitard	4.8	
bedrock	bedrock	451	39.7	
bedrock	bedrock	451	37.2	
bedrock	bedrock	451	6.4	
till	low	aquitard	3	35.1
bedrock	bedrock	451	7.7	35.1
bedrock	bedrock	451	5.8	35.1
bedrock	bedrock	451	1.2	35.1
bedrock	bedrock	451	3.6	35.1
bedrock	bedrock	451	3.7	35.1
bedrock	bedrock	451	9.1	35.1
bedrock	bedrock	451	1.3	35.1
bedrock	bedrock	451	11.5	35.1
bedrock	bedrock	451	1.3	35.1
bedrock	bedrock	451	2.1	35.1
bedrock	bedrock	451	3.6	35.1
bedrock	bedrock	451	6.1	35.1
clay	low	aquitard	4.9	45.1
silt/clay	low	aquitard	19.5	45.1
SAND/clay	ambiguous	aquitard	9.1	45.1
sand/gravel/cl	ambiguous	aquitard	14.4	45.1
bedrock	bedrock	441	40.8	45.1
till	low	aquitard	6.1	12.8
till	low	aquitard	12.8	12.8
bedrock	bedrock	688	17.7	12.8
bedrock	bedrock	688	24.4	12.8
till	low	aquitard	2.4	
SAND/clay	ambiguous	ambiguous	bedrock	5.5
bedrock	bedrock	bedrock aquif	bedrock	27.2
bedrock	bedrock	bedrock aquif	bedrock	18.2
bedrock	bedrock	bedrock aquif	bedrock	7.7
bedrock	bedrock	bedrock aquif	bedrock	3
bedrock	bedrock	bedrock aquif	bedrock	3.1
bedrock	bedrock	bedrock aquif	bedrock	4.8

soil/organic	ambiguous	ambiguous		0.3	28
till	low	aquitard		2.4	28
bedrock	bedrock	639		2.5	28
bedrock	bedrock	639		0.3	28
bedrock	bedrock	639		5.5	28
bedrock	bedrock	639		3.6	28
bedrock	bedrock	639		0.9	28
bedrock	bedrock	639		3.7	28
bedrock	bedrock	639		4	28
bedrock	bedrock	639		1.8	28
bedrock	bedrock	639		0.6	28
bedrock	bedrock	639		0.6	28
bedrock	bedrock	639		1.2	28
bedrock	bedrock	639		5.5	28
bedrock	bedrock	639		4	28
bedrock	bedrock	639		3.3	28
bedrock	bedrock	639		7.7	28
bedrock	bedrock	639		2.1	28
bedrock	bedrock	639		1.8	28
bedrock	bedrock	639		5.5	28
bedrock	bedrock	639		10.7	28
bedrock	bedrock	639		6.7	28
bedrock	bedrock	639		13.1	28
bedrock	bedrock	639		4	28
bedrock	bedrock	639		3.6	28
clay	low	aquitard	bedrock	3	25.9
till	low	aquitard	bedrock	3.1	25.9
till	low	aquitard	bedrock	32	25.9
till	low	aquitard	bedrock	3	25.9
bedrock	bedrock	451	bedrock	1.6	25.9
silt/clay	low	aquitard	bedrock	2.4	
GRAVEL/silt	permeable	permeable	bedrock	2.2	
sand/gravel/cl	permeable	aquifer (uncor	bedrock	1.5	
CLAY/gravel	low	aquitard	bedrock	3	
till	low	aquitard	bedrock	16.8	
bedrock	bedrock	bedrock	aquif:bedrock	1.5	
bedrock	bedrock	bedrock	aquif:bedrock	0.3	
bedrock	bedrock	bedrock	aquif:bedrock	1.3	
bedrock	bedrock	bedrock	aquif:bedrock	0.9	
bedrock	bedrock	bedrock	aquif:bedrock	1.5	
bedrock	bedrock	bedrock	aquif:bedrock	3.7	

bedrock	bedrock	bedrock aquif	bedrock	3	
bedrock	bedrock	bedrock aquif	bedrock	0.6	
bedrock	bedrock	bedrock aquif	bedrock	8.5	
CLAY/gravel	low	aquitard	451	3	33.5
GRAVEL/silt	ambiguous	ambiguous	451	4.6	33.5
sand/gravel	permeable	permeable, dr	451	10.1	33.5
sand/gravel	permeable	permeable, dr	451	14.6	33.5
sand/gravel	permeable	444	451	2.4	33.5
sand/gravel	permeable	444	451	0.7	33.5
sand/gravel	permeable	444	451	0.6	33.5
bedrock	bedrock	bedrock aquif	451	1.5	33.5
till	low	aquitard	bedrock	42.1	36.6
till	low	aquitard	bedrock	0.9	36.6
bedrock	bedrock	451	bedrock	3.3	36.6
bedrock	bedrock	451	bedrock	0.9	36.6
bedrock	bedrock	451	bedrock	9.2	36.6
bedrock	bedrock	451	bedrock	3	36.6
bedrock	bedrock	451	bedrock	1.6	36.6
till	low	aquitard	bedrock	9.1	42.7
bedrock	bedrock	639	bedrock	1.3	42.7
bedrock	bedrock	639	bedrock	19.5	42.7
CLAY/gravel	low	aquitard	bedrock	13.1	15.2
sand/gravel	permeable	permeable, dr	bedrock	1.2	15.2
sand/gravel	permeable	permeable, dr	bedrock	2.2	15.2
CLAY/gravel	low	aquitard	bedrock	40.5	15.2
sand/gravel	permeable	aquifer (Charl	bedrock	1.2	15.2
clay	low	aquitard	bedrock	0.3	15.2
bedrock	bedrock	451	bedrock	0.6	15.2
bedrock	bedrock	451	bedrock	0.6	15.2
bedrock	bedrock	451	bedrock	5.8	15.2
bedrock	bedrock	451	bedrock	3.7	15.2
clay	low	aquitard		4.9	
bedrock	bedrock	451		2.4	
bedrock	bedrock	451		2.5	
bedrock	bedrock	451		3.3	
bedrock	bedrock	451		3.4	
bedrock	bedrock	451		3.9	
bedrock	bedrock	451		4	
bedrock	bedrock	451		47.2	
bedrock	bedrock	451		5.2	
bedrock	bedrock	451		26.8	
sand/gravel	permeable	688		21.3	

GRAVEL/silt	ambiguous	ambiguous	48.8	
bedrock	bedrock	688	47.2	
till	low	aquitard	18.3	
bedrock	bedrock	451	9.1	
bedrock	bedrock	451	0.6	
bedrock	bedrock	451	0.7	
bedrock	bedrock	451	0.3	
bedrock	bedrock	451	0.6	
bedrock	bedrock	451	2.1	
bedrock	bedrock	451	1.8	
bedrock	bedrock	451	79.9	
till	low	aquitard	3.7	3.4
bedrock	bedrock	639	9.1	3.4
bedrock	bedrock	639	4.3	3.4
sand/gravel	permeable	permeable, dry	6.1	
SAND/clay	ambiguous	ambiguous	7.6	
bedrock	bedrock	451	33.5	
bedrock	bedrock	451	9.2	
clay	low	aquitard	7.3	
bedrock	bedrock	451	18.6	
bedrock	bedrock	451	0.9	
bedrock	bedrock	451	4.9	
bedrock	bedrock	451	0.3	
bedrock	bedrock	451	7.9	
bedrock	bedrock	451	4.9	
bedrock	bedrock	451	19.2	
bedrock	bedrock	451	0.6	
bedrock	bedrock	451	4	
bedrock	bedrock	451	1.2	
bedrock	bedrock	451	22.9	
sand/gravel	permeable	permeable, dry	4.9	20.1
clay	low	aquitard	6.7	20.1
till	low	aquitard	3.3	20.1
till	low	aquitard	1.9	20.1
bedrock	bedrock	451	1.2	20.1
bedrock	bedrock	451	3.3	20.1
bedrock	bedrock	451	1.6	20.1
bedrock	bedrock	451	5.8	20.1
bedrock	bedrock	bedrock aquifer	34.4	
till	low	aquitard	6.1	14
till	low	aquitard	3.3	14
bedrock	bedrock	bedrock aquifer	14.4	14



soil/organic	ambiguous	ambiguous	bedrock		0.3	
bedrock	bedrock	451	bedrock		8.8	
bedrock	bedrock	451	bedrock		10.7	
bedrock	bedrock	451	bedrock		1.2	
bedrock	bedrock	451	bedrock		2.5	
bedrock	bedrock	451	bedrock		0.6	
bedrock	bedrock	451	bedrock		3.3	
bedrock	bedrock	451	bedrock		4.6	
till	low	aquitard			1.8	
sand/gravel	permeable	permeable			4	
clay	low	aquitard			11.2	
bedrock	bedrock	bedrock aquifer			15.3	
bedrock	bedrock	451			10.4	
bedrock	bedrock	451			0.9	
bedrock	bedrock	451			33.2	
bedrock	bedrock	451			26	
bedrock	bedrock	451			52.7	
bedrock	bedrock	451			3.3	
bedrock	bedrock	451			40	
till	low	aquitard	bedrock		18.9	42.7
bedrock	bedrock	451	bedrock		7.6	42.7
bedrock	bedrock	451	bedrock		11.6	42.7
bedrock	bedrock	451	bedrock		1.5	42.7
bedrock	bedrock	451	bedrock		10.7	42.7
bedrock	bedrock	451	bedrock		2.7	42.7
bedrock	bedrock	451	bedrock		3.4	42.7
bedrock	bedrock	451	bedrock		6.1	42.7
bedrock	bedrock	451	bedrock		3.9	42.7
bedrock	bedrock	451	bedrock		12.8	42.7
bedrock	bedrock	451	bedrock		15.3	42.7
bedrock	bedrock	451	bedrock		3	42.7
sand/gravel	permeable	permeable, dr	910		12.2	57
sand/gravel	permeable	permeable, dr	910		12.2	57
SAND/clay	ambiguous	aquitard	910		3	57
clay	low	aquitard	910		9.2	57
SAND/clay	ambiguous	aquitard	910		31.7	57
sand/gravel	permeable		910	910	5.5	57
silt/clay	low	aquitard			3.7	28
till	low	aquitard			35.9	28
till	low	aquitard			1.5	28
till	low	aquitard			19.9	28
sand/gravel	permeable	permeable, dry			6.1	28

SAND/clay	ambiguous	ambiguous	3	28
till	low	aquitard	8.5	28
till	low	aquitard	0.6	28
till	low	aquitard	3.1	28
silt/clay	low	aquitard	18.3	28
bedrock	bedrock	bedrock aquifer	1.8	28
bedrock	bedrock	bedrock aquifer	3.7	28
bedrock	bedrock	bedrock aquifer	3.6	28
till	low	aquitard	3	41.1
bedrock	bedrock	451	3.1	41.1
bedrock	bedrock	451	12.2	41.1
bedrock	bedrock	451	0.3	41.1
bedrock	bedrock	451	5.5	41.1
bedrock	bedrock	451	0.3	41.1
bedrock	bedrock	451	3	41.1
bedrock	bedrock	451	0.9	41.1
bedrock	bedrock	451	3.7	41.1
bedrock	bedrock	451	10.1	41.1
bedrock	bedrock	451	0.3	41.1
bedrock	bedrock	451	0.3	41.1
bedrock	bedrock	451	17.7	41.1
bedrock	bedrock	451	0.6	41.1
bedrock	bedrock	451	3	41.1
bedrock	bedrock	451	1.5	41.1
bedrock	bedrock	451	6.1	41.1
unknown/over	ambiguous	ambiguous	0.6	
sand/gravel	permeable	permeable	4.9	
till	low	aquitard	45.7	
bedrock	bedrock	593	70.7	
till	low	aquitard	4.3	16.5
bedrock	bedrock	451	14.6	16.5
bedrock	bedrock	451	9.8	16.5
bedrock	bedrock	451	4.2	16.5
bedrock	bedrock	451	9.8	16.5
till	low	aquitard	40.2	80.2
bedrock	bedrock	451	14.1	80.2
bedrock	bedrock	451	26.2	80.2
bedrock	bedrock	451	10.9	80.2
till	low	aquitard	10.7	42.7
till	low	aquitard	7.6	42.7
till	low	aquitard	30.5	42.7
bedrock	bedrock	bedrock aquifer	27.4	42.7

till	low	aquitard		8.5	
bedrock	bedrock		451	0.9	
bedrock	bedrock		451	1.6	
bedrock	bedrock		451	16.4	
bedrock	bedrock		451	45.8	
clay	low	aquitard		10.7	47.2
bedrock	bedrock		451	4.5	47.2
bedrock	bedrock		451	19.9	47.2
bedrock	bedrock		451	3	47.2
bedrock	bedrock		451	1.5	47.2
bedrock	bedrock		451	10.7	47.2
bedrock	bedrock		451	0.9	47.2
bedrock	bedrock		451	5.8	47.2
till	low	aquitard		3.4	6.7
till	low	aquitard		17	6.7
bedrock	bedrock		591	3.4	6.7
bedrock	bedrock		591	11.9	6.7
CLAY/sand	low	aquitard	bedrock	8.2	
bedrock	bedrock		622 bedrock	1.9	
bedrock	bedrock		622 bedrock	3.9	
bedrock	bedrock		622 bedrock	1.2	
bedrock	bedrock		622 bedrock	3.7	
bedrock	bedrock		622 bedrock	4	
bedrock	bedrock		622 bedrock	0.9	
bedrock	bedrock		622 bedrock	3.3	
clay	low	aquitard		2.4	
bedrock	bedrock		451	23.5	
clay	low	aquitard		3.4	
till	low	aquitard		3.3	
till	low	aquitard		7.3	
GRAVEL/silt	ambiguous	ambiguous		1.2	
sand/gravel	permeable	permeable, dry		14.4	
bedrock	bedrock		451	19.2	
till	low	aquitard		17.7	
bedrock	bedrock		451	7.9	
soil/organic	low	aquitard	687-442	3	4
sand/gravel	permeable		687 687-442	8.6	4
clay	low	aquitard		3.7	
bedrock	bedrock		451	29.8	
bedrock	bedrock		451	57.9	
clay	low	aquitard		0.6	
clay	low	aquitard		12.2	

clay	low	aquitard		3.7	
clay	low	aquitard		3.6	
CLAY/gravel	low	aquitard		12.8	
sand/gravel	permeable	permeable, dry		0.4	
sand/gravel/cl	ambiguous	ambiguous		20.1	
silt	low	aquitard	923	2.4	7.2
sand/gravel	permeable	permeable	923	4.3	7.2
till	low	aquitard	923	1.5	7.2
till	low	aquitard	923	5.2	7.2
sand/gravel	permeable		923	1.8	7.2
till	low	aquitard	923	3.1	7.2
CLAY/sand	ambiguous	ambiguous		1.8	
CLAY/sand	ambiguous	ambiguous		4	
clay	low	aquitard		12.8	
bedrock	bedrock		634	21.6	24.4
sand/gravel	permeable	permeable	626	4	
silt/clay	low	aquitard	626	10.9	
SAND/clay	ambiguous	aquitard	626	46.1	
silt/clay	low	aquitard	626	24.6	
sand/gravel	permeable	permeable	626	0.2	
CLAY/sand	low	aquitard	626	5.9	
SAND/clay	ambiguous		626	5.8	
CLAY/sand	low	aquitard		3	
clay	low	aquitard		2.5	
till	low	aquitard		46.9	
bedrock	bedrock	bedrock aquifer		13.1	
bedrock	bedrock	bedrock aquifer		1.3	
bedrock	bedrock	bedrock aquifer		6.4	
clay	low	aquitard		6.1	
till	low	aquitard		17.7	
till	low	aquitard		1.2	
bedrock	bedrock		451	16.1	
bedrock	bedrock		451	0.7	
bedrock	bedrock		451	2.4	
bedrock	bedrock		451	1.2	
till	low	aquitard		10.4	19.2
bedrock	bedrock		688	45.4	19.2
silt/clay	low	aquitard		2.4	
sand/gravel	permeable	permeable		9.2	
sand/gravel	permeable	permeable		2.4	
sand/gravel	permeable	permeable		0.9	
till	low	aquitard		19.8	

sand/gravel	permeable	permeable		6.1	
till	low	aquitard		29	
CLAY/sand	low	aquitard		9.4	
sand/gravel	permeable		636	0.9	
silt/clay	low	aquitard		0.3	
CLAY/sand	low	aquitard		2.8	
sand/gravel	permeable		636	3.3	
CLAY/sand	low	aquitard		6.1	
CLAY/sand	low	aquitard		5.2	
sand/gravel	permeable		636	0.3	
sand/gravel	permeable		636	1.2	
sand/gravel	permeable		636	0.6	
sand/gravel	permeable		636	1.9	
bedrock	bedrock	bedrock aquifer		0.6	
bedrock	bedrock	bedrock aquifer		0.6	
till	low	aquitard		32.9	
bedrock	bedrock		451	1.2	
bedrock	bedrock		451	0.6	
bedrock	bedrock		451	2.5	
bedrock	bedrock		451	3.9	
till	low	aquitard		11.3	49.4
bedrock	bedrock		451	2.1	49.4
bedrock	bedrock		451	9.5	49.4
bedrock	bedrock		451	6.1	49.4
bedrock	bedrock		451	0.6	49.4
bedrock	bedrock		451	6.1	49.4
bedrock	bedrock		451	1.5	49.4
bedrock	bedrock		451	8.6	49.4
bedrock	bedrock		451	1.5	49.4
bedrock	bedrock		451	1.5	49.4
bedrock	bedrock		451	1.8	49.4
bedrock	bedrock		451	1.3	49.4
bedrock	bedrock		451	3	49.4
bedrock	bedrock		451	0.9	49.4
bedrock	bedrock		451	1.6	49.4
till	low	aquitard	bedrock	15.2	29.4
clay	low	aquitard	bedrock	18.3	29.4
bedrock	bedrock		593 bedrock	17.4	29.4
bedrock	bedrock		593 bedrock	0.3	29.4
bedrock	bedrock		593 bedrock	67.7	29.4
bedrock	bedrock		593 bedrock	24.4	29.4
bedrock	bedrock		593 bedrock	4.8	29.4

till	low	aquitard	11.3	49.4
bedrock	bedrock	451	2.1	49.4
bedrock	bedrock	451	17.1	49.4
bedrock	bedrock	451	18.3	49.4
bedrock	bedrock	451	0.9	49.4
bedrock	bedrock	451	3.3	49.4
bedrock	bedrock	451	1.9	49.4
bedrock	bedrock	451	22.5	49.4
bedrock	bedrock	451	0.9	49.4
bedrock	bedrock	451	11.6	49.4
bedrock	bedrock	451	3.1	49.4
bedrock	bedrock	451	6.1	49.4
bedrock	bedrock	451	4.5	49.4
bedrock	bedrock	451	17.7	49.4
CLAY/sand	ambiguous	ambiguous	4.9	32.6
bedrock	bedrock	451	12.8	32.6
bedrock	bedrock	451	0.6	32.6
bedrock	bedrock	451	24.4	32.6
clay	low	aquitard	42.1	
bedrock	bedrock	451	2.1	
bedrock	bedrock	451	29	
bedrock	bedrock	451	16.4	
till	low	aquitard	0.6	11
bedrock	bedrock	451	3.1	11
bedrock	bedrock	451	4.2	11
bedrock	bedrock	451	3.4	11
bedrock	bedrock	451	1.8	11
bedrock	bedrock	451	6.4	11
bedrock	bedrock	451	1.5	11
bedrock	bedrock	451	6.7	11
bedrock	bedrock	451	1.3	11
CLAY/sand	low	aquitard	4.9	6.7
clay	low	aquitard	6.1	6.7
till	low	aquitard	2.4	6.7
till	low	aquitard	0.9	6.7
till	low	aquitard	1.9	6.7
GRAVEL/silt	ambiguous	aquitard	4.2	6.7
SAND/clay	ambiguous	ambiguous	6.1	2.9
clay	low	aquitard	4.6	2.9
sand/gravel/cl	ambiguous	ambiguous	2.4	2.9
bedrock	bedrock	451	3.1	2.9
till	low	aquitard	8.2	6.9

sand/gravel	permeable	permeable, dry		3.7	6.9
bedrock	bedrock	451		4.9	6.9
sand/gravel	permeable	440	bedrock	6.7	34.4
sand/gravel	permeable	440, dry	bedrock	21.3	34.4
sand/gravel	permeable	440	bedrock	1.6	34.4
till	low	aquitard	bedrock	1.2	34.4
clay	low	aquitard	bedrock	20.7	34.4
bedrock	bedrock	441	bedrock	1.8	34.4
clay	low	aquitard		15.2	
bedrock	bedrock	931		10.7	
bedrock	bedrock	931		10.7	
bedrock	bedrock	931		22.2	
bedrock	bedrock	931		3.4	
bedrock	bedrock	931		1.8	
bedrock	bedrock	931		10.1	
till	low	aquitard		32.6	
bedrock	bedrock	451		4.3	
bedrock	bedrock	451		4.6	
bedrock	bedrock	451		3.9	
till	low	aquitard		5.2	14.3
bedrock	bedrock	639		6.7	14.3
bedrock	bedrock	639		5.2	14.3
bedrock	bedrock	639		7.3	14.3
bedrock	bedrock	639		3	14.3
till	low	aquitard		1.8	
GRAVEL/silt	permeable	permeable		4.3	
sand/gravel	permeable	aquifer (confined)		1.8	
CLAY/sand	low	aquitard	bedrock	9.4	13.7
clay	low	aquitard	bedrock	2.5	13.7
bedrock	bedrock	639	bedrock	7	13.7
bedrock	bedrock	639	bedrock	4.9	13.7
sand/gravel	permeable	permeable		2.4	
sand/gravel	permeable	permeable		2.5	
sand/gravel	permeable	permeable		4.9	
sand/gravel	permeable	permeable		2.4	
clay	low	aquitard		4.3	9.8
bedrock	bedrock	639		4.2	9.8
bedrock	bedrock	639		1.3	9.8
bedrock	bedrock	639		0.6	9.8
bedrock	bedrock	639		1.2	9.8
bedrock	bedrock	639		0.6	9.8
bedrock	bedrock	639		2.4	9.8

bedrock	bedrock	639		6.1	9.8
bedrock	bedrock	639		1.2	9.8
bedrock	bedrock	639		1	9.8
unknown/over	ambiguous	ambiguous		5.5	51.5
bedrock	bedrock	639		21.9	51.5
bedrock	bedrock	639		67.1	51.5
till	low	aquitard	bedrock	8.2	26.5
bedrock	bedrock	451	bedrock	9.2	26.5
bedrock	bedrock	451	bedrock	10	26.5
bedrock	bedrock	451	bedrock	1	26.5
bedrock	bedrock	451	bedrock	7.3	26.5
till	low	aquitard		23.5	25
bedrock	bedrock	451		4.8	25
bedrock	bedrock	451		1.3	25
bedrock	bedrock	451		5.1	25
GRAVEL/silt	ambiguous	625	aquifer 624-62	1.5	5.9
GRAVEL/silt	ambiguous	625	aquifer 624-62	7.6	5.9
sand/gravel	permeable	625	aquifer 624-62	3.1	5.9
sand/gravel	permeable	permeable, dry		0.6	28.7
clay	low	aquitard		21.7	28.7
bedrock	bedrock	451		19.5	28.7
CLAY/sand	ambiguous	ambiguous	bedrock	1.8	21.6
clay	low	aquitard	bedrock	5.8	21.6
bedrock	bedrock	451	bedrock	3.4	21.6
bedrock	bedrock	451	bedrock	15.2	21.6
silt	low	aquitard		2.4	20.7
till	low	aquitard		3.7	20.7
till	low	aquitard		21.3	20.7
bedrock	bedrock	bedrock aquifer		7.3	20.7
bedrock	bedrock	bedrock aquifer		6.1	20.7
bedrock	bedrock	bedrock aquifer		1.5	20.7
bedrock	bedrock	bedrock aquifer		1.5	20.7
bedrock	bedrock	bedrock aquifer		1.5	20.7
till	low	aquitard	bedrock	22.9	13.1
bedrock	bedrock	451	bedrock	5.1	13.1
bedrock	bedrock	451	bedrock	0.7	13.1
bedrock	bedrock	451	bedrock	3.3	13.1
bedrock	bedrock	451	bedrock	1.5	13.1
unknown/over	ambiguous	ambiguous		0.9	17.7
bedrock	bedrock	451		5.8	17.7
bedrock	bedrock	451		0.9	17.7
bedrock	bedrock	451		11.6	17.7



bedrock	bedrock	451		4.6	17.7
clay	low	aquitard		1.8	27.4
bedrock	bedrock	bedrock aquifer		11	27.4
bedrock	bedrock	bedrock aquifer		43.6	27.4
bedrock	bedrock	bedrock aquifer		14.3	27.4
bedrock	bedrock	bedrock aquifer		3.7	27.4
clay	low	aquitard		1.8	
till	low	aquitard	bedrock	12.8	13.4
bedrock	bedrock	451	bedrock	3	13.4
bedrock	bedrock	451	bedrock	2.5	13.4
bedrock	bedrock	451	bedrock	2.4	13.4
bedrock	bedrock	451	bedrock	1.9	13.4
bedrock	bedrock	451	bedrock	6.4	13.4
bedrock	bedrock	451	bedrock	1.5	13.4
till	low	aquitard		17.7	26.5
till	low	aquitard		5.2	26.5
till	low	aquitard		6.4	26.5
GRAVEL/silt	ambiguous	ambiguous		2.1	26.5
silt/clay	low	aquitard		4.9	
sand/gravel	permeable	442		10.9	
sand/gravel	permeable	442		11.6	
sand/gravel	permeable	442		22	
GRAVEL/silt	ambiguous	ambiguous		2.4	
bedrock	bedrock	bedrock aquifer		2.8	
sand/gravel/cl	ambiguous	ambiguous		10.7	
bedrock	bedrock	bedrock aquifer		25.9	
bedrock	bedrock	bedrock aquifer		80.7	
bedrock	bedrock	bedrock aquif	bedrock	30.7	
bedrock	bedrock	bedrock aquif	bedrock	22.9	
bedrock	bedrock	bedrock aquif	bedrock	22.6	
CLAY/gravel	low	aquitard		4.6	
bedrock	bedrock	bedrock aquifer		28.9	
bedrock	bedrock	bedrock aquifer		15.3	
bedrock	bedrock	bedrock aquifer		30.4	
bedrock	bedrock	bedrock aquifer		15.9	
bedrock	bedrock	bedrock aquifer		46.9	
till	low	aquitard		19.8	
bedrock	bedrock	451		6.4	
bedrock	bedrock	451		0.3	
bedrock	bedrock	451		3.4	
bedrock	bedrock	451		2.1	
bedrock	bedrock	451		2.4	

till	low	aquitard		8.2	96
bedrock	bedrock	451		40	96
bedrock	bedrock	451		17.9	96
bedrock	bedrock	451		1	96
bedrock	bedrock	451		28.9	96
bedrock	bedrock	451		1.5	96
bedrock	bedrock	451		42.7	96
till	low	aquitard	bedrock	14.6	10.7
bedrock	bedrock	451	bedrock	8	10.7
bedrock	bedrock	451	bedrock	38.4	10.7
unknown/over	ambiguous	ambiguous		13.1	
bedrock	bedrock	451		5.2	
bedrock	bedrock	451		6.1	
bedrock	bedrock	451		5.5	
bedrock	bedrock	451		0.9	
bedrock	bedrock	451		6.1	
bedrock	bedrock	451		0.6	
bedrock	bedrock	451		7.9	
GRAVEL/silt	ambiguous	ambiguous	923	2.7	2.7
till	low		923	5.8	2.7
till	low	aquitard		17.1	
bedrock	bedrock	bedrock aquifer		48.4	
sand/gravel	permeable	permeable, dr	451	0.3	11
sand/gravel	permeable	permeable, dr	451	0.3	11
till	low	aquitard	451	18	11
sand/gravel	permeable		451	1.8	11
clay	low	aquitard	451	0.6	11
clay	low	aquitard	bedrock	3.7	60.7
sand/gravel	permeable	permeable, dr	bedrock	5.4	60.7
till	low	aquitard	bedrock	30.5	60.7
till	low	aquitard	bedrock	9.2	60.7
till	low	aquitard	bedrock	3	60.7
till	low	aquitard	bedrock	9.2	60.7
bedrock	bedrock	451	bedrock	1.2	60.7
bedrock	bedrock	451	bedrock	1.8	60.7
bedrock	bedrock	451	bedrock	3.1	60.7
bedrock	bedrock	451	bedrock	1.5	60.7
bedrock	bedrock	451	bedrock	0.6	60.7
bedrock	bedrock	451	bedrock	3.6	60.7
bedrock	bedrock	451	bedrock	1.9	60.7
bedrock	bedrock	451	bedrock	1.5	60.7
bedrock	bedrock	451	bedrock	1.5	60.7

bedrock	bedrock	451	bedrock	0.9	60.7
bedrock	bedrock	451	bedrock	4.3	60.7
bedrock	bedrock	451	bedrock	4.9	60.7
bedrock	bedrock	451	bedrock	3.6	60.7
bedrock	bedrock	451	bedrock	4.6	60.7
bedrock	bedrock	451	bedrock	1.5	60.7
bedrock	bedrock	451	bedrock	7.7	44.2
bedrock	bedrock	451	bedrock	7.9	44.2
bedrock	bedrock	451	bedrock	18.3	44.2
bedrock	bedrock	451	bedrock	6.1	44.2
bedrock	bedrock	451	bedrock	7.9	44.2
bedrock	bedrock	451	bedrock	7.3	44.2
bedrock	bedrock	451	bedrock	19.8	44.2
till	low	aquitard	bedrock	62.5	
bedrock	bedrock	451	bedrock	18.3	
sand/gravel	permeable	permeable, dr	910	6.1	54.3
SAND/clay	ambiguous	aquitard	910	12.2	54.3
CLAY/sand	low	aquitard	910	19.8	54.3
SAND/clay	ambiguous	aquitard	910	6.1	54.3
GRAVEL/silt	ambiguous	aquitard	910	9.1	54.3
SAND/clay	ambiguous	aquitard	910	4.6	54.3
sand/gravel/cl	ambiguous	aquitard	910	5.2	54.3
sand/gravel	permeable		910 910	1.2	54.3
sand/gravel/cl	ambiguous	ambiguous	aquifer, uncor	8.5	
sand/gravel/cl	ambiguous	aquifer (alluvi	aquifer, uncor	7	
sand/gravel	permeable	permeable	aquifer, uncor	1.9	
till	low	aquitard	bedrock	2.7	
bedrock	bedrock		639 bedrock	8.6	
bedrock	bedrock		639 bedrock	21	
bedrock	bedrock		639 bedrock	0.3	
bedrock	bedrock		639 bedrock	7	
bedrock	bedrock		639 bedrock	1.2	
bedrock	bedrock		639 bedrock	0.3	
till	low	aquitard		65.5	
bedrock	bedrock		451	4.6	
bedrock	bedrock		451	39.6	
bedrock	bedrock		451	19.8	
bedrock	bedrock		451	16.2	
bedrock	bedrock		451	18.9	
sand/gravel	permeable	permeable	bedrock	4.3	
till	low	aquitard	bedrock	0.6	
bedrock	bedrock		934 bedrock	118.2	

silt/clay	low	aquitard	923	9.1	17.7
sand/gravel	permeable	permeable	923	10.7	17.7
till	low	aquitard	923	21.3	17.7
sand/gravel	permeable	923	923	1	17.7
sand/gravel	permeable	923	923	1.2	17.7
sand/gravel	permeable	440	440	9.8	
sand/gravel	permeable	440, dry	440	36.5	
silt/clay	low	aquitard	440	5.5	
SAND/clay	ambiguous	440	440	51.8	
clay	low	aquitard	bedrock	0.9	
sand/gravel	permeable	permeable	bedrock	1.5	
till	low	aquitard	bedrock	1	
bedrock	bedrock	934	bedrock	1	
clay	low	aquitard		10.7	35.1
sand/gravel	permeable	permeable, dry		3	35.1
sand/gravel	permeable	permeable, dry		7.6	35.1
GRAVEL/silt	ambiguous	aquitard		1	35.1
bedrock	bedrock	bedrock aquifer		35.6	35.1
bedrock	bedrock	bedrock aquifer		3.7	35.1
bedrock	bedrock	bedrock aquifer		0.6	35.1
bedrock	bedrock	bedrock aquifer		0.9	35.1
clay	low	aquitard		5.2	
till	low	aquitard		9.4	
bedrock	bedrock	451		10.4	
bedrock	bedrock	451		8.5	
bedrock	bedrock	451		1.2	
bedrock	bedrock	451		5.2	
clay	low	aquitard	aquifer, confir	0.6	
sand/gravel	permeable	permeable	aquifer, confir	4	
GRAVEL/silt	ambiguous	ambiguous	aquifer, confir	3	
GRAVEL/silt	permeable	permeable	aquifer, confir	6.1	
sand/gravel/cl	ambiguous	aquifer (confir	aquifer, confir	5.8	
sand/gravel	permeable	permeable	aquifer, confir	1.2	
clay	low	aquitard		12.5	7.6
bedrock	bedrock	634		1.5	7.6
bedrock	bedrock	634		5.2	7.6
clay	low	aquitard	bedrock	12.5	36.6
bedrock	bedrock	634	bedrock	25.6	36.6
bedrock	bedrock	634	bedrock	8.2	36.6
bedrock	bedrock	634	bedrock	26.9	36.6
bedrock	bedrock	634	bedrock	19.8	36.6
bedrock	bedrock	634	bedrock	5.8	36.6

till	low	aquitard		21.9	
bedrock	bedrock	451		5.5	
bedrock	bedrock	451		21.4	
till	low	aquitard	bedrock	28.3	
bedrock	bedrock	451	bedrock	1	
bedrock	bedrock	451	bedrock	3	
bedrock	bedrock	451	bedrock	11.9	
bedrock	bedrock	451	bedrock	3	
till	low	aquitard	aquifer, confir	11	45.7
till	low	aquitard	aquifer, confir	62.2	45.7
till	low	aquitard	aquifer, confir	17.6	45.7
sand/gravel	permeable	596	aquifer, confir	31.1	45.7
sand/gravel	permeable	permeable, dr	630	14.6	32.3
sand/gravel	permeable	permeable, dr	630	15.9	32.3
sand/gravel	permeable	permeable, dr	630	10.6	32.3
sand/gravel	permeable	permeable, dr	630	2.5	32.3
SAND/clay	ambiguous	630	630	17.4	32.3
sand/gravel	permeable	630	630	6.1	32.3
clay	low	aquitard	aquifer, confir	29	
CLAY/sand	low	aquitard	aquifer, confir	6.7	
sand/gravel/cl	ambiguous	637	aquifer, confir	2.1	
clay	low	aquitard	bedrock	3.7	7.6
CLAY/gravel	low	aquitard	bedrock	2.7	7.6
bedrock	bedrock	593	bedrock	3.7	7.6
bedrock	bedrock	593	bedrock	4.5	7.6
bedrock	bedrock	593	bedrock	0.6	7.6
bedrock	bedrock	593	bedrock	13.1	7.6
till	low	aquitard		8.8	4.6
bedrock	bedrock	451		0.2	4.6
till	low	aquitard		4.6	
bedrock	bedrock	932		1.5	
bedrock	bedrock	932		2.4	
bedrock	bedrock	932		0.9	
bedrock	bedrock	932		5.8	
bedrock	bedrock	932		13.8	
bedrock	bedrock	932		1.5	
bedrock	bedrock	932		4.6	
till	low	aquitard	bedrock	2.4	29
till	low	aquitard	bedrock	3.1	29
bedrock	bedrock	639	bedrock	3.6	29
bedrock	bedrock	639	bedrock	0.3	29
bedrock	bedrock	639	bedrock	2.2	29

bedrock	bedrock		639 bedrock	2.1	29
bedrock	bedrock		639 bedrock	4.3	29
bedrock	bedrock		639 bedrock	0.3	29
bedrock	bedrock		639 bedrock	0.9	29
bedrock	bedrock		639 bedrock	2.1	29
bedrock	bedrock		639 bedrock	9.8	29
bedrock	bedrock		639 bedrock	7.6	29
bedrock	bedrock		639 bedrock	1.2	29
bedrock	bedrock		639 bedrock	2.2	29
till	low	aquitard		8.5	12.2
bedrock	bedrock		639	1.9	12.2
bedrock	bedrock		639	1.2	12.2
bedrock	bedrock		639	6.4	12.2
bedrock	bedrock		639	1.5	12.2
bedrock	bedrock		639	8.5	12.2
bedrock	bedrock		639	4.9	12.2
bedrock	bedrock		639	8.2	12.2
clay	low	aquitard	bedrock	5.5	30.8
bedrock	bedrock		639 bedrock	4.6	30.8
bedrock	bedrock		639 bedrock	0.6	30.8
bedrock	bedrock		639 bedrock	15.2	30.8
bedrock	bedrock		639 bedrock	3.1	30.8
bedrock	bedrock		639 bedrock	10	30.8
bedrock	bedrock		639 bedrock	3.1	30.8
bedrock	bedrock		639 bedrock	5.1	30.8
SAND/clay	ambiguous	ambiguous	bedrock	7.6	23.2
clay	low	aquitard	bedrock	0.9	23.2
clay	low	aquitard	bedrock	2.2	23.2
clay	low	aquitard	bedrock	4.8	23.2
bedrock	bedrock		451 bedrock	1.9	23.2
bedrock	bedrock		451 bedrock	1.5	23.2
bedrock	bedrock		451 bedrock	9.1	23.2
bedrock	bedrock		451 bedrock	0.3	23.2
bedrock	bedrock		451 bedrock	1.6	23.2
bedrock	bedrock		451 bedrock	3.6	23.2
silt/clay	low	aquitard	bedrock	5.5	32.6
till	low	aquitard	bedrock	12.2	32.6
till	low	aquitard	bedrock	70.7	32.6
bedrock	bedrock		451 bedrock	6.7	32.6
bedrock	bedrock		451 bedrock	1.2	32.6
bedrock	bedrock		451 bedrock	2.8	32.6
bedrock	bedrock		451 bedrock	3	32.6

unknown/over	ambiguous	ambiguous		3	
till	low	aquitard		18.9	
sand/gravel	permeable	permeable, dry		0.7	
till	low	aquitard		4.8	
bedrock	bedrock	451		6.1	
bedrock	bedrock	451		4.3	
bedrock	bedrock	451		4.3	
bedrock	bedrock	451		6.7	
sand/gravel	permeable	permeable	aquifer, confir	1.8	
sand/gravel	permeable	permeable	aquifer, confir	2.8	
GRAVEL/silt	permeable	permeable	aquifer, confir	7	
CLAY/gravel	low	aquitard	aquifer, confir	2.1	
GRAVEL/silt	ambiguous	ambiguous	aquifer, confir	4.6	
sand/gravel	permeable	aquifer (confir	aquifer, confir	2.1	
bedrock	bedrock	bedrock	aquifer	1.2	
bedrock	bedrock	bedrock	aquifer	21.9	
bedrock	bedrock	bedrock	aquifer	22.9	
till	low	aquitard	bedrock	2.4	11.6
bedrock	bedrock	933	bedrock	0.6	11.6
bedrock	bedrock	933	bedrock	1	11.6
bedrock	bedrock	933	bedrock	5.1	11.6
bedrock	bedrock	933	bedrock	1	11.6
bedrock	bedrock	933	bedrock	1.8	11.6
bedrock	bedrock	933	bedrock	4.3	11.6
bedrock	bedrock	933	bedrock	0.6	11.6
bedrock	bedrock	933	bedrock	1.5	11.6
bedrock	bedrock	933	bedrock	1.5	11.6
bedrock	bedrock	933	bedrock	1.5	11.6
bedrock	bedrock	933	bedrock	3.1	11.6
bedrock	bedrock	933	bedrock	3	11.6
bedrock	bedrock	933	bedrock	0.9	11.6
bedrock	bedrock	933	bedrock	2.2	11.6
sand/gravel	permeable	permeable, dr	451	6.1	
clay	low	aquitard	451	14.6	
clay	low	aquitard	451	19.5	
CLAY/sand	ambiguous	ambiguous	451	19.2	
CLAY/sand	ambiguous	ambiguous	451	12.2	
sand/gravel	permeable	permeable, dr	451	0.9	
till	low	aquitard	451	0.7	
clay	low	aquitard	451	39	
clay	low	aquitard	451	2.4	
sand/gravel	permeable	444	451	33.2	

till	low	aquitard	bedrock	4.9	13.6
bedrock	bedrock	451	bedrock	18	13.6
bedrock	bedrock	bedrock	aquifer	3.1	
bedrock	bedrock	bedrock	aquifer	5.1	
bedrock	bedrock	bedrock	aquifer	19.3	
bedrock	bedrock	bedrock	aquifer	3	
bedrock	bedrock	bedrock	aquifer	1.8	
clay	low	aquitard	aquifer, confir	7.3	89
till	low	aquitard	aquifer, confir	1.2	89
till	low	aquitard	aquifer, confir	105.5	89
GRAVEL/silt	permeable	aquifer (confir	aquifer, confir	1.2	89
CLAY/gravel	low	aquifer (confir	aquifer, confir	0.9	89
GRAVEL/silt	permeable	aquifer (confir	aquifer, confir	0.9	89
GRAVEL/silt	permeable	aquifer (confir	aquifer, confir	0.7	89
bedrock	bedrock	bedrock	aquifer, confir	16.4	89
till	low	aquitard	bedrock	0.9	19.8
bedrock	bedrock	451	bedrock	2.1	19.8
bedrock	bedrock	451	bedrock	4.6	19.8
bedrock	bedrock	451	bedrock	5.8	19.8
bedrock	bedrock	451	bedrock	1.5	19.8
bedrock	bedrock	451	bedrock	0.6	19.8
bedrock	bedrock	451	bedrock	1.3	19.8
bedrock	bedrock	451	bedrock	1.8	19.8
bedrock	bedrock	451	bedrock	2.7	19.8
bedrock	bedrock	451	bedrock	6.1	19.8
bedrock	bedrock	451	bedrock	9.2	19.8
sand/gravel/cl	ambiguous	ambiguous	bedrock	4.6	28.3
bedrock	bedrock	451	bedrock	2.7	28.3
bedrock	bedrock	451	bedrock	4.6	28.3
bedrock	bedrock	451	bedrock	13.4	28.3
bedrock	bedrock	451	bedrock	8.2	28.3
bedrock	bedrock	451	bedrock	2.2	28.3
bedrock	bedrock	451	bedrock	19.2	28.3
clay	low	aquitard		1.8	
CLAY/sand	ambiguous	ambiguous		8.6	
CLAY/gravel	low	aquitard		32.3	
silt	low	aquitard		5.1	
till	low	aquitard		0.7	
bedrock	bedrock	451		0.3	
bedrock	bedrock	451		3.9	
bedrock	bedrock	451		2.2	
clay	low	aquitard	aquifer, confir	6.1	



CLAY/sand	ambiguous	ambiguous	aquifer, confir	4	
sand/gravel	permeable	851	aquifer, confir	14.3	
till	low	aquitard		16.2	
sand/gravel	permeable	permeable		16.1	
bedrock	bedrock	931		51.2	
bedrock	bedrock	931		11	
bedrock	bedrock	931		20.7	
bedrock	bedrock	931		32	
till	low	aquitard	bedrock	10.4	
bedrock	bedrock	593	bedrock	44.5	
till	low	aquitard	923	1.8	7.9
till	low	aquitard	923	6.7	7.9
GRAVEL/silt	ambiguous	ambiguous	923	2.2	7.9
silt/clay	low	aquitard	923	12.2	7.9
GRAVEL/silt	ambiguous	923	923	0.3	7.9
sand/gravel	permeable	923	923	0.6	7.9
GRAVEL/silt	ambiguous	923	923	15.2	7.9
sand/gravel	permeable	923	923	0.6	7.9
till	low	aquitard	bedrock	33.5	17.7
bedrock	bedrock	451	bedrock	1.9	17.7
bedrock	bedrock	451	bedrock	5.7	17.7
bedrock	bedrock	451	bedrock	0.7	17.7
bedrock	bedrock	448		4.6	9.8
bedrock	bedrock	448		18.3	9.8
GRAVEL/silt	ambiguous	ambiguous	923	10.7	9.1
sand/gravel	permeable	923	923	2.4	9.1
sand/gravel	permeable	923	923	6.7	9.1
sand/gravel	permeable	923	923	0.6	9.1
unknown/overburden			bedrock	0.9	
clay	low	aquitard	bedrock	3.7	
bedrock	bedrock	451	bedrock	22.8	
till	low	aquitard		9.4	
bedrock	bedrock	451		10.4	
bedrock	bedrock	451		7.6	
bedrock	bedrock	451		18.3	
bedrock	bedrock	451		9.1	
bedrock	bedrock	451		1.5	
bedrock	bedrock	451		9.2	
clay	low	aquitard		0.9	20.1
bedrock	bedrock	451		20.1	20.1
bedrock	bedrock	451		5.8	20.1
bedrock	bedrock	451		8.3	20.1

sand/gravel	permeable	permeable	923	3.7	6.1
CLAY/sand	low	aquitard	923	3.6	6.1
CLAY/gravel	low	aquitard	923	1.2	6.1
sand/gravel	permeable		923	1.3	6.1
till	low	aquitard		2.4	22.6
bedrock	bedrock		451	4.3	22.6
bedrock	bedrock		451	5.8	22.6
bedrock	bedrock		451	6.4	22.6
bedrock	bedrock		451	1.5	22.6
bedrock	bedrock		451	2.2	22.6
bedrock	bedrock		451	1.8	22.6
bedrock	bedrock		451	0.6	22.6
bedrock	bedrock		451	1.8	22.6
bedrock	bedrock		451	0.6	22.6
clay	low	aquitard		3.7	
till	low	aquitard	bedrock	1.2	21
bedrock	bedrock		595 bedrock	4.9	21
bedrock	bedrock		595 bedrock	6.7	21
bedrock	bedrock		595 bedrock	14.6	21
bedrock	bedrock		595 bedrock	10.1	21
bedrock	bedrock		595 bedrock	3.6	21
bedrock	bedrock		595 bedrock	0.4	21
till	low	aquitard		4	
boulder/grave	permeable	permeable		0.3	
till	low	aquitard		2.1	
CLAY/gravel	low	aquitard		4	
till	low	aquitard		39.6	
till	low	aquitard		1.5	
till	low	aquitard	bedrock	16.5	50
bedrock	bedrock		451 bedrock	4.8	50
bedrock	bedrock		451 bedrock	25.9	50
bedrock	bedrock		451 bedrock	1	50
bedrock	bedrock		451 bedrock	2.1	50
bedrock	bedrock		451 bedrock	2.4	50
bedrock	bedrock		451 bedrock	44.8	50
till	low	aquitard		3.7	
till	low	aquitard		2.1	
till	low	aquitard		0.9	
bedrock	bedrock		593	7.9	
bedrock	bedrock		593	65.3	
till	low	aquitard		14.6	
sand/gravel	permeable	permeable, dry		2.5	

till	low	aquitard		19.5		
till	low	aquitard		7.9		
sand/gravel	permeable	permeable, dry		0.3		
SAND/clay	ambiguous	ambiguous		1.8		
sand/gravel	permeable		598	0.6		
clay	low	aquitard		19.5		
silt/clay	low	aquitard		5.2		
clay	low	aquitard		4.9		
bedrock	bedrock		451	5.5		
bedrock	bedrock		451	1.5		
bedrock	bedrock		451	26.2		
bedrock	bedrock		451	0.6		
bedrock	bedrock		451	23.2		
bedrock	bedrock		451	3.9		
bedrock	bedrock		451	3.7		
bedrock	bedrock		451	3.7		
bedrock	bedrock		451	12.1		
bedrock	bedrock		451	6.1		
till	low	aquitard		54.9	80.8	
till	low	aquitard		4.5	80.8	
clay	low	aquitard		5.2	80.8	
bedrock	bedrock	bedrock aquifer		23.8	80.8	
bedrock	bedrock	bedrock aquifer		10.7	80.8	
bedrock	bedrock	bedrock aquifer		3	80.8	
bedrock	bedrock	bedrock aquifer		19.2	80.8	
sand/gravel	permeable		440	440	15.2	33.8
sand/gravel	permeable		440	440	6.1	33.8
clay	low	aquitard		440	15.3	33.8
till	low	aquitard		440	4.5	33.8
clay	low	aquitard		440	0.7	33.8
GRAVEL/silt	ambiguous		440	440	5.4	33.8
bedrock	bedrock	bedrock aquif		440	4.6	33.8
bedrock	bedrock	bedrock aquif		440	9.2	33.8
clay	low	aquitard	aquifer, confir		18.3	
till	low	aquitard	aquifer, confir		4.6	
till	low	aquitard	aquifer, confir		3	
till	low	aquitard	aquifer, confir		18.3	
till	low	aquitard	aquifer, confir		1.8	
till	low	aquitard	aquifer, confir		47.9	
sand/gravel	permeable	aquifer (confir	aquifer, confir		1.2	
CLAY/sand	low	aquitard	bedrock		4.6	
till	low	aquitard	bedrock		7	

sand/gravel	permeable	permeable	bedrock	0.6	
till	low	aquitard	bedrock	28.9	
GRAVEL/silt	permeable	permeable	bedrock	3.1	
bedrock	bedrock	932	bedrock	1.5	
bedrock	bedrock	932	bedrock	4.3	
bedrock	bedrock	932	bedrock	0.9	
bedrock	bedrock	932	bedrock	1.5	
bedrock	bedrock	932	bedrock	1.9	
bedrock	bedrock	932	bedrock	31	
clay	low	aquitard	bedrock	6.7	32
bedrock	bedrock	451	bedrock	24.7	32
bedrock	bedrock	451	bedrock	0.3	32
bedrock	bedrock	451	bedrock	0.9	32
bedrock	bedrock	451	bedrock	0.6	32
bedrock	bedrock	451	bedrock	11	32
till	low	aquitard		9.8	
bedrock	bedrock	451		24.3	
bedrock	bedrock	451		49.4	
bedrock	bedrock	451		9.2	
CLAY/sand	low	aquitard		6.7	
clay	low	aquitard		7	
clay	low	aquitard	bedrock	10.7	
sand/gravel	permeable	permeable	bedrock	1.2	
till	low	aquitard	bedrock	29.6	
till	low	aquitard	bedrock	4.8	
bedrock	bedrock	622	bedrock	7.3	
bedrock	bedrock	622	bedrock	1.3	
CLAY/sand	low	aquitard		6.7	
clay	low	aquitard		1.5	
clay	low	aquitard		8	
till	low	aquitard		11	
bedrock	bedrock	451		3.6	
bedrock	bedrock	451		5.2	
bedrock	bedrock	451		22.9	
bedrock	bedrock	451		60.9	
bedrock	bedrock	451		13.1	
till	low	aquitard		0.6	
clay	low	aquitard		7	
clay	low	aquitard		2.5	
clay	low	aquitard		3.3	
clay	low	aquitard		2.4	
till	low	aquitard		9.8	

bedrock	bedrock	bedrock aquifer	31.3	
till	low	aquitard	15.2	62.5
bedrock	bedrock	451	16.8	62.5
bedrock	bedrock	451	2.7	62.5
bedrock	bedrock	451	2.2	62.5
bedrock	bedrock	451	0.6	62.5
bedrock	bedrock	451	7.6	62.5
bedrock	bedrock	451	32.6	62.5
bedrock	bedrock	451	12.2	62.5
till	low	aquitard	23.2	
silt/clay	low	aquitard	5.5	
bedrock	bedrock	451	9.1	
bedrock	bedrock	451	108.5	
bedrock	bedrock	451	85.3	
silt	low	aquitard	2.7	20.1
bedrock	bedrock	688	1	20.1
bedrock	bedrock	688	0.6	20.1
bedrock	bedrock	688	12.5	20.1
bedrock	bedrock	688	0.6	20.1
bedrock	bedrock	688	3.6	20.1
bedrock	bedrock	688	100.9	20.1
unknown/over	ambiguous	ambiguous	3.7	
bedrock	bedrock	451	34.1	
bedrock	bedrock	451	15.5	
bedrock	bedrock	451	7.7	
bedrock	bedrock	451	0.6	
bedrock	bedrock	451	6.7	
till	low	aquitard	bedrock	30.5
bedrock	bedrock	bedrock aquif	bedrock	4.6
clay	low	aquitard	bedrock	2.1
bedrock	bedrock	bedrock aquif	bedrock	1.8
bedrock	bedrock	bedrock aquif	bedrock	9.8
till	low	aquitard		4.9
bedrock	bedrock	451		14.9
bedrock	bedrock	451		23.8
bedrock	bedrock	451		0.6
bedrock	bedrock	451		3
clay	low	aquitard		10.1
soil/organic	ambiguous	ambiguous		18.3
sand/gravel	permeable	permeable		6.1
till	low	aquitard		51.8
till	low	aquitard		13.7
				59.7
				59.7
				59.7
				59.7

bedrock	bedrock	639		17.7	59.7
bedrock	bedrock	639		5.2	59.7
bedrock	bedrock	639		1.5	59.7
clay	low	aquitard	bedrock	5.5	9.3
bedrock	bedrock	639	bedrock	3.6	9.3
bedrock	bedrock	639	bedrock	7.4	9.3
bedrock	bedrock	639	bedrock	5.8	9.3
clay	low	aquitard	bedrock	4	8.4
clay	low	aquitard	bedrock	3.6	8.4
clay	low	aquitard	bedrock	2.8	8.4
clay	low	aquitard	bedrock	8.8	8.4
till	low	aquitard	bedrock	0.9	8.4
bedrock	bedrock	639	bedrock	3.1	8.4
silt/clay	low	aquitard		0.6	30.2
clay	low	aquitard		3.1	30.2
till	low	aquitard		2.4	30.2
bedrock	bedrock	451		2.4	30.2
bedrock	bedrock	451		5.5	30.2
bedrock	bedrock	451		9.8	30.2
bedrock	bedrock	451		1.2	30.2
bedrock	bedrock	451		14	30.2
bedrock	bedrock	451		4.6	30.2
bedrock	bedrock	451		2.1	30.2
clay	low	aquitard	bedrock	4.6	
clay	low	aquitard	bedrock	3.9	
sand/gravel	permeable	aquifer (confir	bedrock	0.9	
bedrock	bedrock	639	bedrock	8.9	
bedrock	bedrock	639	bedrock	1.5	
bedrock	bedrock	639	bedrock	3.7	
bedrock	bedrock	639	bedrock	1.8	
bedrock	bedrock	639	bedrock	0.9	
bedrock	bedrock	639	bedrock	3.1	
till	low	aquitard		4.9	
sand/gravel/cl	ambiguous	ambiguous		19.5	
till	low	aquitard		4.9	
bedrock	bedrock	448		7.3	
bedrock	bedrock	448		73.1	
				57.9	
ist formation @ td   unspecified				5.5	
				53.9	
				68.6	
hvegan formation@td   unspecified				194.5	

		17.7
		67.1
		47.5
		94.5
		56.4
		54.9
		48.8
		95.4
hvegan formation@td   unspecified		94.5
lfway formation@td   unspecified		370.6
		91.4
		182.9
		96
		65.8
		64
		45.7
		94.5
		49.4
		158.5
		143.3
		57.9
		44.2
		230.1
		138.7
ternary formation@td   unspecified		30.5
ternary formation@td   unspecified		30.5
		61
		67.1
		61
		61.3
hvegan formation@td   unspecified	dunvegan	169.2
hvegan formation@td   unspecified	dunvegan	140.2
hvegan formation@td   unspecified		201.2
hvegan formation@td   unspecified		167.9
hvegan formation@td   unspecified		170.7
		169.2
hvegan formation@td   unspecified	dunvegan	161.2
hvegan formation@td   unspecified		172.5
hvegan formation@td   unspecified	dunvegan	195.1
hvegan formation@td   unspecified	dunvegan	169.5
hvegan formation@td   unspecified	dunvegan	153.9
hvegan formation@td   unspecified	dunvegan	155.1

unspecified	dunvegan			195.1	
unspecified	dunvegan			167	
unspecified	dunvegan			179.8	
unspecified	dunvegan			219.2	
unspecified	dunvegan			134.7	
				118.9	
				53.6	
				54.9	
				56.4	
				61	
				64.3	
				42.7	
sand/gravel	permeable	permeable		62.8	
				46.9	
				61	
				175.9	
				120.4	
				150.6	
				61	
				38.1	
sand/gravel/clay	ambiguous	ambiguous		14.6	3
clay	low	aquitard	aquifer, confir	30.5	
sand/gravel/clay	ambiguous	594	aquifer, confir	30.5	
clay	low	aquitard	aquifer, confir	30.5	
sand/gravel/clay	ambiguous	594	aquifer, confir	30.5	
clay	low	aquitard	aquifer, confir	30.4	
bedrock	bedrock	bedrock	aquifer, confir	6.1	
bedrock	bedrock	448		3.7	1.8
bedrock	bedrock	448		1.8	1.8
bedrock	bedrock	448		1.9	1.8
bedrock	bedrock	448		1.8	1.8
bedrock	bedrock	448		1.9	1.8
clay	low	aquitard		3.7	
clay	low	aquitard		3	0.1
bedrock	bedrock	593		1.9	0.1
sand/gravel	permeable	aquifer (uncor	aquifer, uncor	48.8	
sand/gravel	permeable	aquifer (uncor	aquifer, uncor	48.8	
clay	low	aquitard		9.1	18.9
clay	low	aquitard		5.8	18.9
clay	low	aquitard		2.8	18.9
bedrock	bedrock	451		2.1	18.9
bedrock	bedrock	451		32	18.9



bedrock	bedrock	451		4.9	18.9
bedrock	bedrock	451		4.3	18.9
GRAVEL/silt	permeable	permeable		2.4	
sand/gravel	permeable	permeable		5.8	
silt/clay	low	aquitard		52.8	
SAND/clay	ambiguous	ambiguous		4.6	
GRAVEL/silt	permeable	bedrock aquifer		7.6	
bedrock	bedrock	bedrock aquifer		64	
bedrock	bedrock	bedrock aquifer		15.2	
CLAY/sand	ambiguous	ambiguous		3	
CLAY/sand	ambiguous	ambiguous		22.9	
boulder/gravel	permeable	permeable, dry		0.6	
silt/clay	low	aquitard		13.1	
CLAY/sand	ambiguous	ambiguous		16.8	
bedrock	bedrock	451		7.6	
bedrock	bedrock	451		6.4	
bedrock	bedrock	451		2.8	
bedrock	bedrock	451		0.9	
sand/gravel	permeable	permeable		12.2	
sand/gravel	permeable	permeable		13.4	
sand/gravel	permeable	permeable, dr	910	9.1	73.2
sand/gravel	permeable	permeable, dr	910	16.8	73.2
sand/gravel	permeable	permeable, dr	910	35.1	73.2
sand/gravel	permeable	permeable, dr	910	12.2	73.2
sand/gravel/cl	ambiguous	aquitard	910	12.1	73.2
silt	low	aquitard	910	27.5	73.2
sand/gravel	permeable	910	910	1.5	73.2
sand/gravel	permeable	910	910	1.5	73.2
CLAY/sand	ambiguous	ambiguous	bedrock	9.1	26.8
clay	low	aquitard	bedrock	59.5	26.8
CLAY/sand	ambiguous	ambiguous	bedrock	3.6	26.8
clay	low	aquitard	bedrock	4	26.8
till	low	aquifer (Charl	bedrock	8.5	26.8
till	low	aquitard	bedrock	5.2	26.8
bedrock	bedrock	bedrock aquif	bedrock	3.1	26.8
till	low	aquitard		12.2	
bedrock	bedrock	bedrock aquifer		85.3	
clay	low	aquitard	bedrock	9.8	17.7
bedrock	bedrock	634	bedrock	14	17.7
till	low	aquitard		12.2	
sand/gravel	permeable	permeable		0.3	
clay	low	aquitard		3	

bedrock	bedrock	932	118.9
sand/gravel	permeable	permeable, dr aquifer, semi-	29.3
silt/clay	low	aquitard aquifer, semi-	11.5
SAND/clay	ambiguous	ambiguous aquifer, semi-	35.4
sand/gravel	permeable	910 aquifer, semi-	10.7
sand/gravel	permeable	910 aquifer, semi-	7
sand/gravel	permeable	910 aquifer, semi-	12.2
sand/gravel/cl	ambiguous	910 aquifer, semi-	37.8
sand/gravel	permeable	910 aquifer, semi-	12.5
soil/organic	ambiguous	ambiguous	0.6
clay	low	aquitard	20.7
bedrock	bedrock	451	11.9
bedrock	bedrock	451	0.9
bedrock	bedrock	451	2.2
bedrock	bedrock	451	4.5
sand/gravel	permeable	permeable, dr aquifer, semi-	18.9
sand/gravel	permeable	permeable, dr aquifer, semi-	12.2
SAND/clay	ambiguous	ambiguous aquifer, semi-	43.6
sand/gravel	permeable	permeable, dr aquifer, semi-	11.9
sand/gravel	permeable	permeable, dr aquifer, semi-	9.4
sand/gravel	permeable	permeable, dr aquifer, semi-	9.8
sand/gravel/cl	ambiguous	permeable aquifer, semi-	42
sand/gravel	permeable	910 aquifer, semi-	6.1
sand/gravel	permeable	910 aquifer, semi-	2.5
sand/gravel	permeable	910 aquifer, semi-	1.5
CLAY/gravel	low	aquitard aquifer, semi-	0.6
unknown/overburden			1.8
soil/organic	ambiguous	ambiguous	1.2
bedrock	bedrock	bedrock aquifer	4.6
bedrock	bedrock	bedrock aquifer	7.3
bedrock	bedrock	bedrock aquifer	1.6
bedrock	bedrock	bedrock aquifer	3.6
bedrock	bedrock	bedrock aquifer	9.2
bedrock	bedrock	bedrock aquifer	2.1
bedrock	bedrock	bedrock aquifer	2.4
bedrock	bedrock	bedrock aquifer	4
bedrock	bedrock	bedrock aquifer	20.1
bedrock	bedrock	bedrock aquifer	27.4
bedrock	bedrock	bedrock aquifer	12.5
bedrock	bedrock	bedrock aquifer	8.9
bedrock	bedrock	bedrock aquifer	3.6
bedrock	bedrock	bedrock aquifer	4.6

bedrock	bedrock	bedrock aquifer	3.1
bedrock	bedrock	bedrock aquifer	2.1
bedrock	bedrock	bedrock aquifer	11.9
bedrock	bedrock	bedrock aquifer	1.5
bedrock	bedrock	bedrock aquifer	3.7
sand/gravel/cl	ambiguous	ambiguous	12.2
unknown/overburden			2.4
bedrock	bedrock	932	5.2
bedrock	bedrock	932	0.3
bedrock	bedrock	932	3.4
bedrock	bedrock	932	0.3
bedrock	bedrock	932	14.6
bedrock	bedrock	932	8.5
bedrock	bedrock	932	1.3
bedrock	bedrock	932	72.5
bedrock	bedrock	932	1.2
sand/gravel	permeable	permeable	6.1
silt/clay	low	aquitard	1.8
silt/clay	low	aquitard	1.2
sand/gravel	permeable	permeable	3.1
unknown/overburden			2.4
bedrock	bedrock	932	5.2
bedrock	bedrock	932	0.3
bedrock	bedrock	932	3.4
bedrock	bedrock	932	0.3
bedrock	bedrock	932	14.6
bedrock	bedrock	932	8.5
bedrock	bedrock	932	1.3
bedrock	bedrock	932	72.5
bedrock	bedrock	932	7.1
sand/gravel	permeable	permeable	6.1
silt	low	aquitard	1.8
sand/gravel	permeable	permeable	4.9
sand/gravel	permeable	permeable	3.4
clay	low	aquitard	7.3
bedrock	bedrock	bedrock aquifer	6.4
sand/gravel	permeable	permeable	5.8
silt	low	aquitard	6.4
clay	low	aquitard	17.1
sand/gravel	permeable	aquifer (unclassified)	0.6
clay	low	aquitard	18.9
sand/gravel	permeable	aquifer (unclassified)	3

sand/gravel	permeable	aquifer (unclassified)	15.3	
bedrock	bedrock	bedrock aquifer	6.1	
bedrock	bedrock	bedrock aquifer	33.8	
clay	low	aquitard	3	
bedrock	bedrock	bedrock aquifer	9.2	
bedrock	bedrock	bedrock aquifer	51.8	
bedrock	bedrock	bedrock aquifer	12.2	
soil/organic	ambiguous	ambiguous	3	
CLAY/sand	low	aquitard	4.9	
till	low	aquitard	36.6	
sand/gravel	permeable	permeable	0.3	
clay	low	aquitard bedrock	6.4	
bedrock	bedrock	bedrock aquif bedrock	3.4	
bedrock	bedrock	bedrock aquif bedrock	5.4	
bedrock	bedrock	bedrock aquif bedrock	1.6	
bedrock	bedrock	bedrock aquif bedrock	3	
bedrock	bedrock	bedrock aquif bedrock	2.8	
sand/gravel	permeable	permeable bedrock	3.6	
sand/gravel	permeable	permeable bedrock	1.5	
bedrock	bedrock	bedrock aquif bedrock	3.4	
till	low	aquitard bedrock	4.9	
bedrock	bedrock	bedrock aquif bedrock	3	
sand/gravel	permeable	permeable, dr bedrock	7.6	
till	low	aquitard bedrock	16.8	
bedrock	bedrock	627 bedrock	6.1	
sand/gravel	permeable	permeable, dr aquifer, confir	8.5	
clay	low	aquitard aquifer, confir	0.6	
GRAVEL/silt	permeable	aquifer (confir aquifer, confir	1.9	
bedrock	bedrock	bedrock aquif aquifer, confir	3	
till	low	aquitard	11.3	8.8
sand/gravel	permeable	910	2.4	8.8
sand/gravel	permeable	910	0.9	8.8
sand/gravel/cl	ambiguous	permeable, dr dry	3.1	
sand/gravel	permeable	permeable, dr dry	0.9	
sand/gravel/cl	ambiguous	permeable, dr dry	1.5	
bedrock	bedrock	bedrock aquif dry	1.3	
till	low	aquitard aquifer, uncor	9.4	8.5
sand/gravel	permeable	910 aquifer, uncor	1	8.5
till	low	aquitard aquifer, uncor	2.1	8.5
clay	low	aquitard	5.5	
bedrock	bedrock	bedrock aquifer	1.5	
bedrock	bedrock	bedrock aquifer	1.2	

bedrock	bedrock	bedrock aquifer		4	
bedrock	bedrock	bedrock aquifer		1.2	
bedrock	bedrock	bedrock aquifer		14	
bedrock	bedrock	bedrock aquifer		3.1	
bedrock	bedrock	bedrock aquifer		15.2	
bedrock	bedrock	bedrock aquifer		10.7	
bedrock	bedrock	bedrock aquifer		22.8	
clay	low	aquitard		10.7	
bedrock	bedrock	bedrock aquifer		7.6	
CLAY/sand	low	aquitard	bedrock	29.9	
clay	low	aquitard	bedrock	18	
bedrock	bedrock		451 bedrock	11.8	
clay	low	aquitard		30.5	61
sand/gravel	permeable	permeable, dry		12.2	61
bedrock	bedrock	bedrock aquifer		82.3	61
soil/organic	ambiguous	ambiguous		0.3	
sand/gravel	permeable	permeable		1.5	
till	low	aquitard		7.3	
till	low	aquitard		19.9	
silt/clay	low	aquitard		14.3	
CLAY/sand	low	aquitard		3.3	
till	low	aquitard		3.7	
clay	low	aquitard		25	
silt	low	aquitard		0.9	
GRAVEL/silt	permeable	bedrock aquifer		3.7	
boulder/grave	permeable	bedrock aquifer		1.2	
bedrock	bedrock	bedrock aquifer		1.8	
sand/gravel	permeable	permeable	bedrock	5.5	
till	low	aquitard	bedrock	25	
sand/gravel	permeable	permeable	bedrock	0.6	
till	low	aquitard	bedrock	7.9	
sand/gravel	permeable	permeable	bedrock	1.8	
clay	low	aquitard	bedrock	1.3	
sand/gravel	permeable	permeable	bedrock	0.6	
clay	low	aquitard	bedrock	1.8	
bedrock	bedrock		639 bedrock	1.2	
bedrock	bedrock		639 bedrock	15.3	
clay	low	aquitard		5.5	
silt/clay	low	aquitard		18.6	
sand/gravel	permeable	permeable		0.6	
CLAY/sand	low	aquitard		10.4	
bedrock	bedrock	bedrock aquifer		3.4	

bedrock	bedrock	bedrock aquifer	4.5	
CLAY/sand	low	aquitard	3.7	
sand/gravel/cl	ambiguous	aquifer (confir	14.6	
sand/gravel	permeable	permeable aquifer, uncor	1.8	
bedrock	bedrock	bedrock aquif	9.8	
tbd	ambiguous	ambiguous	14.9	
CLAY/sand	low	aquitard	15.2	
till	low	aquitard	24.4	
bedrock	bedrock	932	82.3	
sand/gravel/cl	ambiguous	ambiguous bedrock	5.2	
bedrock	bedrock	639 bedrock	9.4	
bedrock	bedrock	639 bedrock	0.9	
bedrock	bedrock	639 bedrock	5.5	
bedrock	bedrock	639 bedrock	5.8	
bedrock	bedrock	639 bedrock	4.3	
bedrock	bedrock	639 bedrock	2.7	
bedrock	bedrock	639 bedrock	15	
bedrock	bedrock	bedrock aquifer	4.6	
bedrock	bedrock	bedrock aquifer	74.6	
GRAVEL/silt	permeable	aquifer (alluvial)	5.5	
GRAVEL/silt	permeable	aquifer (alluvial)	6.7	
CLAY/sand	low	aquitard	21.3	
bedrock	bedrock	bedrock aquifer	1.5	
bedrock	bedrock	bedrock aquifer	64	
tbd	ambiguous	ambiguous bedrock	1.5	
well construct	ambiguous	ambiguous bedrock	0.3	
sand/gravel/cl	ambiguous	ambiguous bedrock	5.2	
bedrock	bedrock	451 bedrock	3.1	
bedrock	bedrock	451 bedrock	3.3	
CLAY/sand	low	aquitard	0.9	
clay	low	aquitard	2.5	
till	low	aquitard	15.8	
bedrock	bedrock	bedrock aquifer	64.9	
bedrock	bedrock	bedrock aquifer	2.8	
bedrock	bedrock	bedrock aquifer	5.1	
bedrock	bedrock	bedrock aquifer	48.8	
bedrock	bedrock	bedrock aquifer	10.3	
bedrock	bedrock	bedrock aquifer	11.9	
bedrock	bedrock	bedrock aquifer	32.6	
CLAY/sand	ambiguous	ambiguous	11.6	19.5
silt	low	aquitard	1.2	19.5
CLAY/sand	ambiguous	ambiguous	11.6	19.5

bedrock	bedrock	451		3	19.5
bedrock	bedrock	451		0.3	19.5
bedrock	bedrock	451		1.3	19.5
CLAY/sand	low	aquitard	bedrock	122.2	
sand/gravel/cl	ambiguous	aquifer (confined)		0.6	
CLAY/sand	low	aquitard		27.2	
bedrock	bedrock	bedrock aquif	bedrock	55.7	
sand/gravel	permeable	permeable		27.4	
clay	low	aquitard		4	
CLAY/sand	low	aquitard		2.1	
clay	low	aquitard		2.1	
CLAY/sand	low	aquitard		7.6	
bedrock	bedrock	bedrock aquifer		8.6	
bedrock	bedrock	bedrock aquifer		25.9	
bedrock	bedrock	bedrock aquifer		1.2	
till	low	aquitard		5.2	
bedrock	bedrock	bedrock aquifer		19.2	
CLAY/sand	low	aquitard		2.4	
clay	low	aquitard		7.4	
bedrock	bedrock	bedrock aquifer		12.8	
bedrock	bedrock	bedrock aquifer		40.8	
bedrock	bedrock	bedrock aquifer		5.5	
bedrock	bedrock	bedrock aquifer		2.4	
till	low	aquitard		5.5	
bedrock	bedrock	bedrock aquifer		92	
till	low	aquitard	bedrock	1.2	
clay	low	aquitard	bedrock	4	
bedrock	bedrock	451	bedrock	3.6	
bedrock	bedrock	451	bedrock	8.3	
bedrock	bedrock	451	bedrock	0.9	
bedrock	bedrock	451	bedrock	1.2	
bedrock	bedrock	451	bedrock	5.2	
bedrock	bedrock	451	bedrock	7	
bedrock	bedrock	451	bedrock	1.2	
bedrock	bedrock	451	bedrock	29.6	
bedrock	bedrock	451	bedrock	92.3	
sand/gravel	permeable	permeable, dr	aquifer, confir	4.3	9.4
sand/gravel	permeable	permeable, dr	aquifer, confir	1.5	9.4
CLAY/gravel	low	aquitard	aquifer, confir	6.1	9.4
sand/gravel	permeable	aquifer (confir	aquifer, confir	2.7	9.4
sand/gravel	permeable	permeable		3	
clay	low	aquitard		33.6	

silt/clay	low	aquitard		36.6	
clay	low	aquitard		0.9	
bedrock	bedrock		932	18.3	
bedrock	bedrock		932	0.9	
bedrock	bedrock		932	3.1	
bedrock	bedrock		932	13.1	
clay	low	aquitard		2.7	
bedrock	bedrock		932	5.2	
bedrock	bedrock		932	1.8	
bedrock	bedrock		932	8.9	
bedrock	bedrock		932	16.7	
bedrock	bedrock		932	4.6	
GRAVEL/silt	permeable	permeable		36	
CLAY/sand	low	aquitard		11.2	
sand/gravel	permeable	permeable	923	3.7	6.1
CLAY/sand	low	aquitard	923	3.6	6.1
CLAY/gravel	low	aquitard	923	1.2	6.1
sand/gravel	permeable		923 923	1.3	6.1
CLAY/gravel	low	permeable, dr bedrock		36.6	
bedrock	bedrock		451 bedrock	109.7	
clay	low	aquitard	bedrock	10.7	15.5
bedrock	bedrock		591 bedrock	0.9	15.5
bedrock	bedrock		591 bedrock	4.3	15.5
bedrock	bedrock		591 bedrock	5.8	15.5
bedrock	bedrock		591 bedrock	1.8	15.5
bedrock	bedrock		591 bedrock	0.6	15.5
bedrock	bedrock		591 bedrock	5.2	15.5
sand/gravel	permeable	permeable		6.1	
silt/clay	low	aquitard		42.7	
sand/gravel	permeable	permeable		6.1	
silt/clay	low	aquitard		9.1	
sand/gravel/cl	ambiguous	ambiguous		9.2	
soil/organic	ambiguous	ambiguous		0.6	
sand/gravel	permeable		934	4.9	
CLAY/sand	low	aquitard		3.6	
GRAVEL/silt	permeable		934	12.8	
sand/gravel	permeable		934	0.4	
CLAY/gravel	low	aquitard		2.1	
bedrock	bedrock		934	24.4	
soil/organic	ambiguous	ambiguous		0.6	
sand/gravel	permeable		934	4.9	
silt/clay	low	aquitard		1.8	



silt/clay	low	aquitard		1.5	
GRAVEL/silt	permeable	934		4.9	
silt	low	aquitard		2.8	
GRAVEL/silt	permeable	934		10.6	
bedrock	bedrock	934		82.6	
soil/organic	ambiguous	ambiguous	bedrock	0.6	
GRAVEL/silt	permeable	permeable	bedrock	3.1	
sand/gravel	permeable	aquifer (uncor	bedrock	1.2	
till	low	aquitard	bedrock	23.1	
GRAVEL/silt	permeable	permeable, dr	bedrock	8.6	
sand/gravel	permeable	permeable, dr	bedrock	3.6	
sand/gravel	permeable	permeable, dr	bedrock	4	
clay	low	aquitard	bedrock	2.7	
bedrock	bedrock	934	bedrock	26.3	
sand/gravel	permeable	442, dry	687-442	3	
GRAVEL/silt	ambiguous	442	687-442	3.7	
CLAY/gravel	low	aquitard	687-442	0.9	
bedrock	bedrock	bedrock aquif	687-442	0.3	
sand/gravel	permeable	442, dry	687-442	3	
sand/gravel	permeable	442	687-442	3.1	
sand/gravel	permeable	442	687-442	0.6	
CLAY/gravel	low	aquitard	687-442	0.6	
bedrock	bedrock	bedrock aquif	687-442	0.3	
sand/gravel	permeable	442, dry	687-442	2.7	
sand/gravel	permeable	442	687-442	2.8	
CLAY/gravel	low	aquitard	687-442	1.2	
sand/gravel	permeable	442	687-442	0.6	0.3
sand/gravel	permeable	442, dry	687-442	2.1	0.3
boulder/grave	permeable	442	687-442	4	0.3
sand/gravel	permeable	442	687-442	0.9	0.3
sand/gravel	permeable	442	687-442	1.2	0.3
bedrock	bedrock	bedrock aquif	687-442	0.3	0.3
GRAVEL/silt	ambiguous	ambiguous	687-442	4.3	
sand/gravel	permeable	442	687-442	3.9	
GRAVEL/silt	ambiguous	ambiguous	687-442	0.3	
bedrock	bedrock	bedrock aquif	687-442	1.3	
GRAVEL/silt	ambiguous	ambiguous	687-442	0.3	
sand/gravel/cl	ambiguous	ambiguous	687-442	4.6	
sand/gravel	permeable	442	687-442	2.1	
bedrock	bedrock	bedrock aquif	687-442	0.9	
sand/gravel	permeable	442	687-442	0.6	
sand/gravel/cl	ambiguous	ambiguous	687-442	4	

sand/gravel	permeable	442	687-442		4.5	
bedrock	bedrock	bedrock	aquif	687-442	1	
clay	low	aquitard			12.2	
bedrock	bedrock	631			103.6	
clay	low	aquitard			15.2	
bedrock	bedrock	631			53.4	
sand/gravel	permeable	permeable			6.7	
sand/gravel	permeable	permeable			6.1	
silt/clay	low	aquitard	910		12.2	
till	low	aquitard	910		30.5	
sand/gravel	permeable	910	910		6.1	
till	low	aquitard			3	24.4
bedrock	bedrock	591			27.5	24.4
clay	low	aquitard			12.2	11.6
bedrock	bedrock	591			6.1	11.6
bedrock	bedrock	591			6.1	11.6
clay	low	aquitard			10.7	
bedrock	bedrock	593			1.5	
bedrock	bedrock	593			36.6	
bedrock	bedrock	593			42.6	
clay	low	aquitard			10.4	
bedrock	bedrock	593			14	
clay	low	aquitard			12.2	18.3
till	low	aquitard			6.1	18.3
bedrock	bedrock	593			6.1	18.3
bedrock	bedrock	593			24.4	18.3
clay	low	aquitard	aquifer, confir		36.6	30.5
CLAY/sand	ambiguous	ambiguous	aquifer, confir		4.5	30.5
clay	low	aquitard			12.2	
boulder/gravel	permeable	aquifer (confir	aquifer, confir		7.7	30.5
clay	low	aquitard	aquifer, confir		24.4	30.5
sand/gravel	permeable	aquifer (confir	aquifer, confir		6	30.5
bedrock	bedrock	bedrock	aquif.aquifer, confir		3.1	30.5
bedrock	bedrock	bedrock	aquif.aquifer, confir		3	30.5
bedrock	bedrock	451	bedrock		14	132.1
bedrock	bedrock	451	bedrock		0.9	132.1
bedrock	bedrock	451	bedrock		32.6	132.1
bedrock	bedrock	451	bedrock		4.6	132.1
bedrock	bedrock	451	bedrock		18.9	132.1
bedrock	bedrock	451	bedrock		61.9	132.1
bedrock	bedrock	451	bedrock		11.5	132.1
clay	low	aquitard			8.2	49.8

clay	low	aquitard		11.3	49.8
clay	low	aquitard		1.8	49.8
sand/gravel	permeable	permeable, dry		2.2	49.8
clay	low	aquitard		3.9	49.8
bedrock	bedrock		451	20.5	49.8
bedrock	bedrock		451	0.9	49.8
bedrock	bedrock		451	12.2	49.8
bedrock	bedrock		451	1.8	
clay	low	aquitard		11.9	
bedrock	bedrock		451	3.1	
bedrock	bedrock		451	2.1	
till	low	aquitard		1.2	36.9
silt/clay	low	aquitard		4.9	36.9
clay	low	aquitard		33.5	36.9
bedrock	bedrock		451	4.6	36.9
bedrock	bedrock		451	6.1	36.9
GRAVEL/silt	ambiguous	ambiguous		0.9	31.7
clay	low	aquitard		4.3	31.7
clay	low	aquitard		3.9	31.7
bedrock	bedrock		451	17.7	31.7
bedrock	bedrock		451	4.9	31.7
bedrock	bedrock		451	0.3	31.7
bedrock	bedrock		451	4	31.7
bedrock	bedrock		451	3	31.7
bedrock	bedrock		451	29.9	31.7
till	low	aquitard		5.5	11.3
clay	low	aquitard		4.3	11.3
clay	low	aquitard		2.4	11.3
bedrock	bedrock		639	0.9	11.3
bedrock	bedrock		639	6.4	11.3
bedrock	bedrock		639	3.4	11.3
bedrock	bedrock		639	0.9	11.3
bedrock	bedrock		639	1.2	11.3
till	low	aquitard		7.9	
SAND/clay	ambiguous	ambiguous		1.2	
clay	low	aquitard		28.1	
bedrock	bedrock		932	7	
bedrock	bedrock		932	12.8	
clay	low	aquitard		14.6	23
bedrock	bedrock		639	15.9	23
clay	low	aquitard		7.9	29.7
bedrock	bedrock		451	4.3	29.7

bedrock	bedrock	451	6.1	29.7
bedrock	bedrock	451	4	29.7
bedrock	bedrock	451	6.7	29.7
bedrock	bedrock	451	4.5	29.7
bedrock	bedrock	451	1.9	29.7
bedrock	bedrock	451	4.5	29.7
clay	low	aquitard	12.8	74.4
bedrock	bedrock	451	11.6	74.4
bedrock	bedrock	451	0.6	74.4
bedrock	bedrock	451	3.7	74.4
bedrock	bedrock	451	2.7	74.4
bedrock	bedrock	451	2.4	74.4
bedrock	bedrock	451	1.6	74.4
bedrock	bedrock	451	7.9	74.4
bedrock	bedrock	451	2.1	74.4
bedrock	bedrock	451	15.6	74.4
bedrock	bedrock	451	30.7	74.4
silt/clay	low	aquitard	6.1	63.2
clay	low	aquitard	38.4	63.2
bedrock	bedrock	451	6.1	63.2
bedrock	bedrock	451	0.9	63.2
bedrock	bedrock	451	16.8	63.2
bedrock	bedrock	451	1.2	63.2
CLAY/sand	ambiguous	ambiguous	6.7	16.9
clay	low	aquitard	4.6	16.9
bedrock	bedrock	bedrock aquifer	14.3	16.9
bedrock	bedrock	bedrock aquifer	1.5	16.9
bedrock	bedrock	bedrock aquifer	13.1	16.9
till	low	aquitard	14	
bedrock	bedrock	bedrock aquifer	107.9	
GRAVEL/silt	ambiguous	ambiguous	0.6	29
clay	low	aquitard	13.7	29
till	low	aquitard	4.9	29
SAND/clay	ambiguous	ambiguous	8.5	29
till	ambiguous	aquifer (confined)	19.5	29
CLAY/gravel	low	aquitard	6.1	29
till	low	aquitard	42.7	30.5
CLAY/sand	ambiguous	ambiguous	3.6	30.5
bedrock	bedrock	451	0.9	30.5
bedrock	bedrock	451	10.7	30.5
CLAY/sand	low	aquitard	910	9.1
CLAY/sand	low	aquitard	910	51.9

sand/gravel	permeable	910	910	3	57.9
clay	low	aquitard	630	12.2	
silt/clay	low	aquitard	630	22.9	
GRAVEL/silt	ambiguous	630	630	1.5	
till	low	aquitard		25.9	
silt	low	aquitard		7.6	
bedrock	bedrock	bedrock aquifer		1.6	
sand/gravel	permeable	permeable	bedrock	18.3	
CLAY/gravel	low	aquitard	bedrock	0.9	
till	low	aquitard	bedrock	17.4	
till	low	aquitard	bedrock	24.4	
bedrock	bedrock	bedrock aquif.	bedrock	4.2	
bedrock	bedrock	bedrock aquif.	bedrock	14	
bedrock	bedrock	bedrock aquif.	bedrock	0.4	
bedrock	bedrock	bedrock aquif.	bedrock	4.2	
CLAY/sand	low	aquitard		62.5	
bedrock	bedrock	bedrock aquifer		22.8	
GRAVEL/silt	ambiguous	ambiguous	bedrock	9.1	
GRAVEL/silt	ambiguous	ambiguous	bedrock	17.1	
bedrock	bedrock	934	bedrock	1.8	
bedrock	bedrock	934	bedrock	20.8	
till	low	aquitard		5.5	
bedrock	bedrock	bedrock aquifer		5.2	
bedrock	bedrock	bedrock aquifer		3	
bedrock	bedrock	bedrock aquifer		4.6	
clay	low	aquitard		15.2	
bedrock	bedrock	bedrock aquifer		7.7	
bedrock	bedrock	bedrock aquifer		1.5	
till	low	aquitard		3	13.4
bedrock	bedrock	639		7.7	13.4
bedrock	bedrock	639		1.8	13.4
bedrock	bedrock	639		5.8	13.4
till	low	aquitard		36.6	10.4
bedrock	bedrock	451		6.1	10.4
bedrock	bedrock	451		1.5	10.4
bedrock	bedrock	451		1.5	10.4
clay	low	aquitard		6.1	
till	low	aquitard		6.1	
till	low	aquitard		0.6	
bedrock	bedrock	451		11.6	
bedrock	bedrock	451		0.3	
bedrock	bedrock	451		2.7	

bedrock	bedrock	451		2.5	
bedrock	bedrock	451		3	
till	low	aquitard		6.1	
bedrock	bedrock	451		3	
bedrock	bedrock	451		39.7	
bedrock	bedrock	451		1.5	
bedrock	bedrock	451		3	
bedrock	bedrock	451		10.7	
sand/gravel	permeable	permeable	bedrock	1.5	
sand/gravel	permeable	permeable	bedrock	4	
silt	low	aquitard	bedrock	29.6	
bedrock	bedrock	bedrock	aquif:bedrock	13.7	
sand/gravel	permeable	permeable		15.2	
till	low	aquitard		1.5	
sand/gravel	permeable	permeable		4.6	
silt/clay	low	aquitard		13.7	
sand/gravel	permeable	permeable		1.5	
soil/organic	ambiguous	ambiguous		3	
CLAY/sand	low	aquitard		4.9	
till	low	aquitard		36.6	
sand/gravel	permeable	permeable		0.3	
tbd	ambiguous	ambiguous		10.7	19.5
till	low	aquitard		53.3	19.5
bedrock	bedrock	593		24.4	19.5
tbd	ambiguous	ambiguous		7.6	19.7
till	low	aquitard		62.5	19.7
bedrock	bedrock	593		18.3	19.7
clay	low	aquitard	aquifer, confir	4.6	3.2
till	low	aquitard	aquifer, confir	10.6	3.2
sand/gravel	permeable	aquifer (confir	aquifer, confir	0.6	3.2
bedrock	bedrock	bedrock	aquif:aquifer, confir	1.3	3.2
bedrock	bedrock	bedrock	aquif:aquifer, confir	7.3	3.2
sand/gravel	permeable	permeable		8.5	
sand/gravel	permeable	permeable		2.2	
sand/gravel	permeable	permeable		7	
sand/gravel	permeable	permeable		19.8	
GRAVEL/silt	ambiguous	ambiguous		1.5	
till	low	aquitard		0.6	
sand/gravel	permeable	permeable	aquifer, confir	6.4	
sand/gravel	permeable	permeable	aquifer, confir	1.2	
sand/gravel	permeable	permeable	aquifer, confir	11.3	
SILT/gravel	low	aquitard	aquifer, confir	3	

sand/gravel	permeable	aquifer (confir	aquifer, confir	1	
sand/gravel	permeable	aquifer (confir	aquifer, confir	3.9	
GRAVEL/silt	ambiguous	ambiguous	aquifer, confir	0.3	
sand/gravel	permeable	permeable		8.5	
sand/gravel	permeable	permeable		2.2	
sand/gravel	permeable	permeable		8.2	
GRAVEL/silt	permeable	permeable		7.9	
GRAVEL/silt	permeable	permeable		5.5	
till	low	aquitard		1.8	
sand/gravel	permeable	aquifer (confined)		7	
sand/gravel	permeable	permeable		3.4	
till	low	aquitard		4.3	
sand/gravel	permeable	aquifer (confined)		1.5	
sand/gravel	permeable	aquifer (confined)		9.4	
till	low	aquitard		2.8	
till	low	aquitard		5.5	15.2
bedrock	bedrock	639		8.2	15.2
bedrock	bedrock	639		4.6	15.2
bedrock	bedrock	639		5.5	15.2
bedrock	bedrock	639		17.3	15.2
bedrock	bedrock	639		10.7	15.2
silt/clay	low	aquitard		7.6	
till	low	aquitard		9.2	
sand/gravel	permeable	permeable		2.1	
bedrock	bedrock	aquitard		27.4	
bedrock	bedrock	bedrock aquifer		4.6	
bedrock	bedrock	bedrock aquifer		7.6	
bedrock	bedrock	bedrock aquifer		0.9	
bedrock	bedrock	bedrock aquifer		1.6	
bedrock	bedrock	bedrock aquifer		0.6	
bedrock	bedrock	bedrock aquifer		6.1	
till	low	aquitard		22.9	15.3
bedrock	bedrock	bedrock aquifer		22.8	15.3
till	low	aquitard		15.2	50.7
bedrock	bedrock	591		103.7	50.7
till	low	aquitard		5.5	
bedrock	bedrock	591		14.3	
bedrock	bedrock	591		9.2	
till	low	aquitard	bedrock	1.8	28.3
bedrock	bedrock	639	bedrock	9.8	28.3
bedrock	bedrock	639	bedrock	1.2	28.3
bedrock	bedrock	639	bedrock	36	28.3

bedrock	bedrock	639 bedrock	15.2	28.3
silt/clay	low	aquitard	6.7	10.4
bedrock	bedrock	451	2.4	10.4
bedrock	bedrock	451	2.5	10.4
bedrock	bedrock	451	3.6	10.4
bedrock	bedrock	451	2.5	10.4
till	low	aquitard	13.7	13.1
till	low	aquitard	4.6	13.1
till	low	aquitard	5.5	13.1
bedrock	bedrock	451	6.7	13.1
sand/gravel/cl	ambiguous	ambiguous	1.8	30.3
till	low	aquitard	7	30.3
bedrock	bedrock	bedrock aquifer	11.3	30.3
bedrock	bedrock	bedrock aquifer	10.4	30.3
bedrock	bedrock	bedrock aquifer	3.9	30.3
bedrock	bedrock	bedrock aquifer	6.7	30.3
bedrock	bedrock	bedrock aquifer	4.6	30.3
bedrock	bedrock	bedrock aquifer	3.1	30.3
till	low	aquitard	4.6	7.3
bedrock	bedrock	bedrock aquifer	51.8	7.3
bedrock	bedrock	bedrock aquifer	4.6	7.3
bedrock	bedrock	bedrock aquifer	60.9	7.3
till	low	aquitard	4.6	7.3
bedrock	bedrock	bedrock aquifer	56.4	7.3
bedrock	bedrock	bedrock aquifer	4.5	7.3
bedrock	bedrock	bedrock aquifer	56.4	7.3
till	low	aquitard	15.2	
bedrock	bedrock	634	18.3	
bedrock	bedrock	634	3.1	
tbd			1.2	
well construction/development			6.1	
tbd			65.9	
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well construction/development			5.2	
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