

WASH 73617

CITY OF CORNELIUS ASR TEST WELL Formation Log by Schneider Water Services

<u>FM</u>	<u>TO</u>	<u>DESCRIPTION</u>
0	2	Top Soil
2	22	Clay, brown, medium-soft, silty
22	27	Sand, brown, fine, lense of soft brown clay
27	52	Sand, grey, fine, lense of medium-soft grey clay
52	65	Clay, light grey, soft with some grey sand
65	71	Clay, light grey, soft, silty
71	76	Clay, light grey, soft, silty, some wood
76	80	Clay, light grey, soft, silty
80	84	Sand, grey, fine, some soft grey clay, silty
84	92	Clay, light grey, soft, silty
92	100	Clay, blueish grey, medium-soft
100	104	Clay, blue-grey, medium
104	111	Clay, brown, medium-soft, silty
111	118	Sand, multi-colored, coarse to fine, some cementation
118	128	Clay, blue-grey, medium, silty
128	132	Clay, grey, soft, silty
132	136	Clay, brown, medium-soft, lense of claystone, silty
136	140	Sand, multi-colored, coarse to fine, silty, some clay
140	142	Clay, grey, medium
142	145	Sand, multi-colored, coarse to fine, cemented
145	151	Sand, dark grey, medium
151	173	Clay, grey, medium
173	183	Clay, brown, medium, lenses of cemented sand, silty
183	196	Clay, greenish grey, soft, some sand & silt
196	206	Clay, brown & grey, medium-firm, sandy & silty
206	218	Sand, dark grey, coarse to fine, in clay, tan, medium-soft
218	238	Clay, greenish grey, medium and medium to fine, silty and wood
238	253	Clay, greenish grey, medium
253	268	Sand, brown, coarse to fine, some clay
268	299	Clay, grey, medium
299	309	Clay, brown, soft, silty, sand, medium-fine, multi-color
309	315	Clay, grey, medium, silty, some sand, medium-fine, multi-color
315	320	Clay, brown, medium-soft, silty, sandy
320	329	Clay, grey, medium
329	356	Clay, blueish grey, medium, sandy & silty
356	364	Sand, black, medium to fine, wood
364	374	Clay, blueish grey, medium
374	380	Clay, dark brown, medium-soft
380	386	Clay, grey & brown, medium, silty
386	393	Sand, dark brown, medium, some clay
393	400	Clay, brown, medium-soft, silty
400	408	Sand, dark brown, medium-fine, silty, with tan & grey clay
408	415	Clay, grey, medium
415	419	Clay, tan & grey, medium, silty
419	426	Clay, dark grey, soft
426	436	Clay, grey, medium, silty
436	448	Clay, blueish grey, medium-soft, silty & sandy
448	454	Sand, black, coarse to fine
454	474	Clay, blueish grey, soft, silty & sandy
474	479	Sand, black, coarse to fine
479	486	Clay, light blue, firm
486	491	Clay, light grey, soft
491	495	Clay, light brown, soft & silty
495	502	Clay, light blue, soft & sticky
502	508	Clay, light green, medium, silty
508	514	Clay, blue, medium, sandy & silty
514	518	Clay, dark grey, medium, silty & sticky
518	522	Clay, green, firm

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522	529	Clay, light blue, medium-soft
529	533	Clay, dark grey, medium, firm
533	537	Clay, green, medium-firm, silty
537	551	Clay, blue, medium, silty
551	559	Sand, black, coarse to fine
559	560	Clay, dark grey, medium-firm
560	566	Clay, blue, medium-soft
566	571	Clay, green, medium
571	586	Clay, blue, medium, sandy with silt
586	600	Clay, blue, medium-soft
600	612	Clay, grey, medium, silty, sandy, some wood
612	618	Clay, grey, medium
618	622	Clay, brown, medium-firm
622	631	Clay, green, medium-soft, silty
631	641	Clay, grey, medium, silty, sandy
641	666	Clay, dark brown, firm, silty
666	688	Clay, green-blue, medium, silty
688	695	Clay, light blue, soft
695	699	Clay, green-blue, medium-firm
699	704	Clay, grey, medium-firm
704	714	Clay, green, medium, silty
714	720	Sand, dark grey, medium-fine
720	728	Clay, grey, medium, sandy
728	737	Clay, blueish grey, medium, sandy
737	747	Clay, light blue, medium-soft, silty
747	754	Clay, blue, medium, sand & silty
754	758	Clay, green, medium-soft
758	762	Clay, light brown, medium
762	772	Clay, blue, medium, sandy
772	775	Sand, black & grey, medium-firm
775	790	Clay, grey, firm
790	806	Clay, blueish grey, medium-soft
806	826	Clay, grey, medium-firm
826	846	Clay, blueish grey, medium, sandy
846	862	Clay, greenish grey, medium-soft, silty
862	870	Clay, brown, soft
870	878	Clay, blue, firm
878	886	Clay, brown, medium-firm
886	898	Clay, greenish grey, medium, sandy
898	906	Clay, brown, firm
906	921	Clay, blue & brown, medium-firm
921	931	Clay, brown, medium-soft
931	937	Clay, grey, medium-soft, silty
937	948	Clay, brown, medium, silty
948	968	Clay, grey, medium
968	973	Clay, greenish grey, medium-soft
973	979	Clay, dark brown, medium
979	983	Clay, dark brown, firm
983	993	Clay, light brown, medium-soft, sandy
993	1000	Clay, brown, soft, silty
1000	1010	Clay, grey, medium-firm
1010	1020	Clay, grey, medium, silty
1020	1035	Clay, brown, firm, silty & sandy
1035	1045	Sand, brown, medium-fine, silty, some light grey sand
1045	1054	Clay, reddish brown, medium-soft
1054	1066	Clay, brown, medium
1066	1084	Clay, brown, medium-soft, sandy
1084	1091	Clay, dark brown, medium-soft

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<u>FM</u>	<u>TO</u>	<u>DESCRIPTION</u>
1091	1096	Clay, brown, medium-soft, sandy
1096	1101	Clay, orange brown, medium, silty
1101	1108	Clay, light brown, medium, sandy & silty
1108	1110	Clay, reddish brown, firm, silty
1110	1117	Clay, light brown, soft
1117	1126	Clay, brown, medium, silty
1126	1136	Clay, brown, medium-firm, sandy
1136	1140	Clay, brown, medium-firm, silty
1140	1146	Clay, tan, medium-soft, silty, sandy
1146	1156	Sandstone, grey, coarse to fine, hard to soft
1156	1188	Basalt, grey, medium, weathered, broken
1188	1200	Basalt, dark grey, medium, fractured, some vesicles
1200	1219	Basalt, dark grey, hard
1219	1221	Basalt, dark grey, medium-soft, some fractured
1221	1223	Basalt, grey, medium-hard
1223	1233	Basalt, black, medium, fractured, some vesicles
1233	1238	Basalt, black, medium, fractured, some vesicles, sand, blue, minerals
1238	1243	Basalt, black, medium, fractured, vesicular, blue, clay & minerals
1243	1252	Basalt, dark grey & black, medium-hard, fractured, some minerals
1252	1260	Basalt, black, medium, fractured, vesicular, minerals (broken to 1259)
1260	1270	Basalt, dark grey, medium-hard, fractured, occ vesicle, minerals
1270	1280	Basalt, grey, medium, fractured, vesicular, with minerals & clay
1280	1284	Basalt, brown, medium-soft, fractured, vesicular
1284	1289	Basalt, dark grey, medium, fractured, some vesicles, minerals
1289	1291	Basalt, brown, multi-color, fractured, heavily mineralized
1291	1301	Basalt, dark grey, medium-hard, fractured, occ vesicle, some minerals
1301	1304	Basalt, multi-color grey, medium, fractured, minerals
1304	1314	Basalt, brown, medium, fractured, some vesicles, broken
1314	1319	Basalt, grey, medium, fractured, broken
1319	1323	Basalt, brown, medium-soft, fractured, broken
1323	1330	Basalt, grey, medium, fractured
1330	1339	Basalt, grey, medium-hard, fractured
1339	1346	Basalt, dark grey, medium, fractured, some vesicles, some claystone & minerals
1346	1353	Basalt, grey, medium-hard, fractured, some minerals
1353	1354	Basalt, grey, medium-hard, fractured
1354	1356	Basalt, dark grey, medium-hard, fractured
1356	1366	Basalt, dark grey, medium, fractured, vesicular, some minerals with black, claystone
1366	1386	Basalt, grey, medium, fractured, vesicular, some claystone
1386	1404	Basalt, grey, medium, fractured
1404	1414	Basalt, grey, medium, fractured, some minerals
1414	1433	Basalt, dark grey, medium, fractured
1433	1435	Clay, greenish grey, medium
1435	1444	Basalt, dark grey, medium, fractured, broken
1444	1453	Basalt, dark grey, medium, fractured, broken, clay & claystone
1453	1469	Basalt, dark grey, medium, fractured, broken, some vesicles, with minerals & clay
1469	1493	Basalt, dark grey, medium, some claystone
1493	1497	Clay, green, firm, silty, other color, claystone
1497	1505	Basalt, dark grey, medium
1505	1512	Basalt, dark grey, medium, fractured, vesicular, broken
1512	1532	Basalt, dark grey, medium, fractured, broken with some clay
1532	1535	Basalt, dark grey, medium, fractured, broken with mineral and clay
1535	1537	Clay, tan, medium
1537	1538	Clay, green & grey, firm, some medium
1538	1547	Basalt, dark grey, medium-hard
1547	1559	Basalt, dark grey, medium-hard, occ vesicles & fractured
1559	1563	Basalt, dark grey, medium, fractured, broken
1563	1573	Basalt, dark grey, medium
1573	1579	Basalt, grey, medium, broken, fractured
1579	1589	Basalt, dark grey, medium, fractured, broken, occ vesicles

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