

Attachment H-2: Summary of Proposed Boring Locations

APPENDIX C
SUMMARY OF PROPOSED BORING LOCATIONS

TABLE OF CONTENTS

C.1 GENERAL.....C-1

TABLE

C1 Summary of Proposed Borings

APPENDIX C

SUMMARY OF PROPOSED BORING LOCATIONS

C.1 GENERAL

Shannon & Wilson, Inc., reviewed the proposed project alignments with respect to aerial photographs, topographic maps, existing geologic mapping, soils mapping, landslide mapping, and limited reconnaissance data (compiled by Shannon & Wilson and Shaw) to select preliminary proposed boring locations. Some proposed boring locations were adjusted slightly away from proposed tower locations, based on access or permitting considerations communicated to us by Tetra Tech, via HDR. Preliminary locations of the proposed borings are summarized in Table C1 in this appendix. These locations are also shown on the geologic map sheets in Appendix A and the Landslide Inventory maps in Appendix E. In general, criteria for boring placement included borings at the following:

- A maximum spacing of approximately 1 mile along the alignments in areas anticipated to have variable ground conditions, and a maximum spacing of approximately 2 miles along the alignments in areas anticipated to have uniform ground conditions;
- Dead end structures;
- Corners or significant changes in alignment heading (angle points);
- Crossings of highways, major roads, rivers, railroads, and utilities such as power transmission lines, natural gas pipelines, and canals;
- Locations necessary to verify anticipated lithologic changes and/or geologic hazards, such as landslides, steep slopes, or soft soil areas;
- Locations of towers nearest to where Quaternary faults cross the alignment; and
- Locations for potential geo-seismic hazards such as liquefaction, lateral spreading, and seismic slope instability.

The desired boring locations were compared with areas that have already been surveyed for cultural, biological, or environmental sensitivity; and where the necessary right of entry permits have already been granted by land owners. Where complete access clearance at a borehole location was not expected by the year 2019, the desired borehole location was removed from this preliminary exploration list.

The preliminary summary table provided in this appendix presents 342 proposed boring locations, as well as information regarding the anticipated subsurface geology, anticipated drilling rig type, and justification for each boring. This information will need to be verified during a detailed field reconnaissance of the entire alignment, to be performed prior to drilling.

The current list of proposed borings is preliminary and will change as the project progresses. Borings may be added, repositioned, or removed from the list based on future site reconnaissance, conditions encountered as the exploration program is performed, and site access

constraints. Current borehole designations, based on the designation of the nearest tower, are also preliminary and subject to future revision.

The depth of each boring will generally be no more than 50 feet below the designed finish grade of the transmission line centerline. Borings may be terminated at shallower depths if the blow counts (the number of blows required to advance a split-spoon sampler 12 inches) in soil materials exceed 50 blows per foot for each consecutive sample taken in a minimum 15-foot interval. Borings may also be terminated at less than 50 feet when they have been advanced 10 feet into unweathered, competent rock, as determined by a field representative from examination of the recovered rock core. Depths for drilling into hard soil or competent rock will vary, depending on the information needed for design.

Potential methods for geotechnical drilling and sampling are discussed in the main Attachment H-1 text.

TABLE C1: SUMMARY OF PROPOSED BORINGS

Boring Designation / Tower	Northing (meters)	Easting (meters)	Map Sheet Number (Appendix A)	Mapped Geologic Unit*	Assumed Rig Type (pending future reconnaissance)	Purpose												
						General	End	Angle Change Along Alignment	Slope Stability / Landslide	Geo-Seismic Hazard (i.e., liquefaction, lateral spreading, seismic slope instability)	Fault Crossing	Highway Crossing	Road Crossing	River Crossing	Railroad Crossing	Utility Crossing (Electric)	Utility Crossing (Natural Gas)	Canal Crossing
1/2	5080304	296625	2	Qe	truck	x												
1/3	5080216	296337	2	Qe	truck			x								x		
1/5	5079645	296276	2	Qe	truck			x							x			
1/6	5079193	296303	2	Qe	truck			x				x						
2/1	5078787	296297	2	Qe	truck			x				x						
2/2	5078288	296200	2	Qe	truck			x					x					
2/3	5078064	296192	2	Qe	truck								x					
3/3	5076559	296232	2	Qe	truck	x												
4/3	5075056	296199	3	Qe	truck	x												
5/3	5073478	296151	3	Qe	truck	x												
6/4	5071859	296079	3	Qe	truck	x												
7/4	5070257	296053	4	Qe	truck	x												
8/4	5068739	296017	4	Qe	truck	x												
9/4	5066882	295951	5	Qmf	truck	x												
10/1	5066207	295930	5	Qmf	truck	x												
10/7	5064783	295875	5	Qmf	truck			x										
12/4	5062224	295762	6	Qmf	truck or track	x												
BR1-1/1	5064478	295847	5	Qmf	truck or track			x										
BR1-3/6	5060130	295688	6	Qmf	truck or track	x												
BR1-4/3	5059215	295656	6	Qmf	truck or track	x												
BR2-2/6	5061811	295747	6	Qe	truck or track			x										
BR2-4/3	5058911	295645	6	Qmf	truck or track			x										
17/1	5054975	296108	7	Qmf	truck or track	x												
18/1	5053342	296057	8	Qf	track	x			x	x								
18/4	5051995	296014	8	Qf	track				x	x			x					
19/1	5051719	296005	8	Qf	track			x	x	x			x					
20/2	5050117	297093	9	Qf	truck or track			x	x	x								
22/1	5050008	300070	9	Qf	truck or track				x	x		x						
33/2	5046935	317796	13	Tgn2	track					x								
34/1	5046921	318534	14	Tgn2	track	x												
35/1	5046404	320090	14	Tgn2	track			x		x			x	x				
35/2	5045877	320291	14	Tgn2	track or platform			x		x			x	x				
36/1	5044996	320706	14	Tgn2	track	x												
59/2	5030315	349741	23	Tgn2	track or platform					x			x	x				
59/3	5030296	350386	23	Tgn2	track or platform					x			x	x				
60/4	5030263	351457	23	Tgn2	track or platform					x			x	x				
60/5	5030240	352102	23	Tgn2	track					x			x	x				
64/2	5030106	357468	25	Tgn2	track			x										
65/1	5029310	358923	25	Tgr2	track or platform			x		x								
65/2	5029315	359419	25	Tgr2	track or platform			x		x								
66/2	5030163	359997	25	Tgn2	track or platform			x					x	x				
67/2	5030369	362081	26	Tgn2	track			x										
67/3	5030633	362728	26	Tgn2	track			x										
68/2	5030637	363874	26	Tgn2	track					x								

TABLE C1: SUMMARY OF PROPOSED BORINGS

Boring Designation / Tower	Northing (meters)	Easting (meters)	Map Sheet Number (Appendix A)	Mapped Geologic Unit*	Assumed Rig Type (pending future reconnaissance)	Purpose													
						General	End	Angle Change Along Alignment	Slope Stability / Landslide	Geo-Seismic Hazard (i.e., liquefaction, lateral spreading, seismic slope instability)	Fault Crossing	Highway Crossing	Road Crossing	River Crossing	Railroad Crossing	Utility Crossing (Electric)	Utility Crossing (Natural Gas)	Canal Crossing	
69/1	5030636	364390	26	Tgn2	track														
72/2	5031981	369232	27	Tgn2	track			x											
72/4	5032013	370017	28	Tgn2	track			x											
73/4	5032898	371239	28	Tgn2	track			x											
74/2	5033326	372037	28	Tgn2	track or platform			x											
74/3	5033514	372840	28	Tgn2	track or platform			x											
78/4	5038134	377039	30	Tf	track			x											
78/5	5038135	377038	30	Tf	track			x											
79/3	5037952	378376	30	Tf	track			x											
80/2	5038624	379097	30	Tf	track			x											
81/1	5038614	380306	30	Tf	track or platform	x													
82/1	5038603	381668	31	Tf	track or platform			x											
82/4	5038350	382773	31	Tf	track	x													
82/5	5038280	383083	31	Tf	track	x													
83/4	5037949	384531	31	Tf	track			x											
84/4	5037018	385953	32	Tgn2	track					x									
85/1	5036793	386296	32	Tgn2	truck or track	x													
86/1	5035840	387751	32	Tgn2	track			x											
87/1	5034452	388090	33	Tgn2	track	x				x									
87/4	5033449	388333	33	Tgn2	track			x		x									
88/3	5032279	389073	33	Tcgn2	truck or track			x											
89/3	5031632	390432	33	Tcgn2	truck or track			x											
90/1	5031618	391132	34	Tcgn2	truck or track				x	x									
90/2	5031612	391457	34	Tcgn2	truck or track				x	x			x		x		x		
90/3	5031603	391943	34	Tcgn2	track			x					x		x		x		
90/5	5031257	392398	34	Tcgn2	track			x											
91/5	5029981	393252	34	Tcgn2	track			x											
92/1	5029923	393684	34	Tcgr2	track or platform			x		x									
92/2	5029699	393780	34	Tcgr2	track			x		x									
92/4	5029267	394214	34	Tcgr2	track			x		x									
93/3	5028042	395028	35	Tcgn2	track			x											
94/4	5026094	395992	35	Tcgn2	track			x	x	x									
95/3	5025547	396962	36	Tcgn2	track			x	x	x			x		x				
95/4	5025203	397274	36	Tcgf	truck or track			x					x		x				
96/4	5024493	398360	36	Tcgf	truck	x													
96/5	5024274	398707	36	Tcgn2	truck or track			x											
97/1	5023907	398787	36	Tcgn2	truck or track			x											
98/1	5022721	400096	37	Tms	track	x													
98/3	5022196	400680	37	Tms	truck or track	x													
99/1	5021918	400982	37	Tms	track	x				x									
99/4	5020988	401989	37	Tcgn2	track			x											
100/2	5020492	402645	37	Tcgn2	track or platform								x		x				
ML-1/4	5020095	402268	37	Tcgn2	track or platform			x					x		x				
ML-1/5	5019736	402747	37	Tcgn2	track								x		x				

TABLE C1: SUMMARY OF PROPOSED BORINGS

Boring Designation / Tower	Northing (meters)	Easting (meters)	Map Sheet Number (Appendix A)	Mapped Geologic Unit*	Assumed Rig Type (pending future reconnaissance)	Purpose												
						General	End	Angle Change Along Alignment	Slope Stability / Landslide	Geo-Seismic Hazard (i.e., liquefaction, lateral spreading, seismic slope instability)	Fault Crossing	Highway Crossing	Road Crossing	River Crossing	Railroad Crossing	Utility Crossing (Electric)	Utility Crossing (Natural Gas)	Canal Crossing
100/3	5019977	403329	38	Tcgn2	track			x				x		x		x		
101/1	5019872	403749	38	Tcgn2	truck or track			x								x		
ML-2/3	5019097	403597	38	Tcgf	track or platform			x		x								
ML-4/1	5018608	405956	38	Tcgf	track									x			x	
ML-4/2	5018508	406437	38	Qls	track				x	x				x			x	
ML-4/3	5018431	406813	38	Tcgf	track or platform					x							x	
103/3	5019150	407641	39	Tpb	track				x	x								
104/3	5018820	409418	39	Tpa	track	x												
105/4	5018528	410993	39	Tcgf	track	x				x								
ML-5/4	5018088	408464	39	Tcgf	track or platform			x										
ML-6/3	5017021	409984	39	Tpb	track			x										
106/3	5018301	412218	40	Tcgn2	track or platform			x	x	x						x		
110/2	5014185	416461	41	Tpa	track			x	x	x	x							
110/3	5014036	416655	41	Qdf	track				x	x								
112/4	5010964	418134	42	Tpa	track				x	x								
113/1	5010223	418432	42	Tpa	track or platform				x	x								
113/5	5009039	418908	42	Qdf	track or platform			x	x	x	x							
115/1	5007154	420261	43	Tpd	track			x				x						
116/3	5005442	420597	43	Tcgf	truck					x		x						
116/4	5004844	420711	43	Tcgf	track							x						
117/2	5004118	420876	44	Tcgf	track			x										
ML-17/2	5004119	419549	44	Tpd	track				x	x								
ML-19/1	5002097	421158	44	Tcgf	track			x										
ML-7/2	5016442	410615	45	Tpa	track			x									x	
ML-7/3	5016203	410873	45	Tpa	track			x									x	
ML-9/4	5013425	413244	46	Tpa	track			x										
ML-10/2	5013080	414052	46	Tpa	track			x										
ML-12/3	5010256	415769	47	Tpa	track	x												
ML-13/2	5009095	416312	47	Tpa	track	x												
ML-13/5	5008250	416923	47	Tpa	track			x										
ML-14/3	5007368	417082	47	Tpa	track			x										
ML-15/2	5006078	416914	48	Tcgn2	track			x										
ML-15/4	5005601	417579	48	Tcgr2	track or platform			x					x	x				
ML-16/1	5005359	418082	48	Tcgn2	track or platform								x	x				
ML-16/4	5004947	418938	48	Tpd	track			x										
120/3	5000198	423759	49	Tpgd	track			x				x					x	
121/2	4999095	424450	49	Tpgd	track			x										
122/2	4997929	425692	49	Tpgd	track	x												
125/3	4994561	429283	51	Qal	track					x				x				
125/4	4994272	429590	51	Qal	track					x				x				
126/1	4993959	429924	51	Tbf	track					x				x				
127/1	4992672	431295	51	TRPwc	track			x										
127/3	4992062	431455	51	Tpb	track							x						
134/2	4982071	435301	54	Qal	track	x				x								

TABLE C1: SUMMARY OF PROPOSED BORINGS

Boring Designation / Tower	Northing (meters)	Easting (meters)	Map Sheet Number (Appendix A)	Mapped Geologic Unit*	Assumed Rig Type (pending future reconnaissance)	Purpose												
						General	End	Angle Change Along Alignment	Slope Stability / Landslide	Geo-Seismic Hazard (i.e., liquefaction, lateral spreading, seismic slope instability)	Fault Crossing	Highway Crossing	Road Crossing	River Crossing	Railroad Crossing	Utility Crossing (Electric)	Utility Crossing (Natural Gas)	Canal Crossing
135/1	4980757	435809	54	Ta	track	x				x								
136/1	4979322	436363	54	Ta	track	x												
137/1	4977581	437036	55	TRPv	track or platform					x								
137/2	4977222	437174	55	TRPv	track or platform	x				x								
138/2	4975944	437668	55	Tan	track	x												
139/3	4974337	438289	56	Tob	truck or track					x				x				
139/4	4973977	438427	56	Tob	truck or track					x				x				
140/2	4972845	438865	56	Tob	truck or track	x												
141/2	4971304	439460	56	Tob	truck or track	x				x	x							
142/4	4969358	440212	57	Tob	track			x		x	x							
143/3	4967951	440317	57	Qal	truck or track					x	x	x						
143/4	4967585	440345	57	Qal	truck or track			x		x	x							
144/3	4966831	440816	58	Tob	track or platform			x		x						x		
144/4	4966558	441051	58	Tob	track			x		x						x		
147/2	4962906	440626	58	Tgo	track			x		x								
147/3	4962517	440494	59	Tgo	track or platform					x		x						
147/4	4962239	440322	59	Tgo	track or platform			x		x		x						
148/2	4961521	440424	59	KJi	truck			x		x								
150/2	4958931	439946	59	Tob	track	x				x	x							
151/1	4957785	438982	60	Tob	track			x		x								
152/1	4956443	439359	60	Tob	track			x			x							
152/4	4955540	439361	60	Tob	track			x										
153/1	4954941	439148	60	Tb	track or platform			x			x							
154/1	4953250	439154	61	Tb	track or platform			x		x								
154/3	4952659	439023	61	Tst	track			x										
154/4	4952450	439397	61	Tst	track					x								
155/3	4951680	440778	61	Tst	track			x		x								
156/4	4951000	442253	62	Tst	track											x		
156/5	4950730	442932	62	Tst	track			x								x		
157/5	4950320	444162	62	Tst	track			x								x	x	
158/1	4950010	444189	62	Tst	track			x								x	x	
159/1	4949515	445677	62	Tst	truck or track	x												
160/2	4948874	447599	63	TRPbe	track			x								x		
161/4	4948287	449841	63	TRPbe	track	x												
162/4	4947757	451432	64	TRPbi	track			x										
164/2	4947136	453646	64	TRPbi	track or platform			x		x								
165/3	4945652	454897	65	TRPbi	track			x								x		
165/4	4945395	455094	65	TRPbi	track											x		
166/4	4944226	455987	65	TRPbi	track											x		
166/5	4944042	456127	65	TRPbi	track or platform			x				x		x	x	x	x	
168/1	4942331	456754	66	Tst	track			x										
168/5	4941203	457374	66	TRgb	track or platform	x												
169/3	4940199	457924	66	TRgb	track or platform			x										
170/4	4938289	457937	67	TRgb	track			x										

TABLE C1: SUMMARY OF PROPOSED BORINGS

Boring Designation / Tower	Northing (meters)	Easting (meters)	Map Sheet Number (Appendix A)	Mapped Geologic Unit*	Assumed Rig Type (pending future reconnaissance)	Purpose												
						General	End	Angle Change Along Alignment	Slope Stability / Landslide	Geo-Seismic Hazard (i.e., liquefaction, lateral spreading, seismic slope instability)	Fault Crossing	Highway Crossing	Road Crossing	River Crossing	Railroad Crossing	Utility Crossing (Electric)	Utility Crossing (Natural Gas)	Canal Crossing
171/1	4937527	457601	67	Tfls	track					x								
171/2	4937092	457409	67	Tfls	track or platform				x	x								
171/3	4936674	457224	67	mg/md	track			x	x	x								
171/4	4936420	457166	67	mg/md	track or platform								x	x				
172/1	4935587	456975	67	p	platform			x	x	x			x	x				
173/2	4934272	457005	68	p	platform			x										
173/3	4933940	457399	68	p	track								x					
174/1	4933306	458154	68	p	track or platform	x							x					
174/2	4932822	458731	68	p	track			x										
175/1	4932277	459452	68	g	track or platform			x										
175/2	4932007	459692	68	Tfs	track				x	x								
176/1	4931094	460506	69	g	track or platform			x										
177/2	4930190	461641	69	gb	track	x												
177/3	4929749	462194	69	gb	track or platform	x												
178/3	4928726	463478	70	kgd	track	x												
179/2	4927727	464751	70	kgd	track or platform	x												
180/5	4926462	466418	70	Jw	track or platform			x										
181/3	4925782	467411	71	Jw	track or platform			x										
182/1	4925201	468060	71	Jw	track or platform			x										
183/3	4924049	469781	71	Jw	track or platform			x										
184/1	4923397	470682	72	Jw	platform	x			x	x								
186/2	4921560	473311	72	Jw	track			x					x	x				
187/2	4919638	473634	73	Tob	track or platform			x	x	x						x	x	
188/1	4918343	473484	73	Tst	track			x										
188/2	4917662	473497	73	Qls	track				x	x								
188/3	4917146	473507	73	Jw	track				x	x								
189/2	4916184	473525	74	Qls	track			x	x	x								
190/1	4915423	474135	74	Jw	track or platform			x										
190/3	4914844	474583	74	Tg	track				x	x								
190/4	4914609	474776	74	Qls	track				x	x								
191/1	4914213	475101	74	Qls	track or platform				x	x								
191/4	4913177	475951	74	Tg	track or platform			x										
192/1	4912952	476115	74	Tg	track			x								x	x	
192/2	4912418	476075	75	Tg	track or platform			x								x	x	
194/2	4909345	476975	75	Tst	track	x				x								
195/1	4908155	477324	76	Tst	track or platform			x		x								
195/5	4907325	478171	76	Tst	truck or track					x								
196/1	4907061	478441	76	Qal	track	x				x								
197/1	4905770	479760	76	Tst	track			x										
198/2	4904526	480980	77	Tst	track			x										
200/3	4902056	483216	78	Tst	track			x										
201/4	4900316	483524	78	Tst	track	x												
202/3	4898839	483786	78	Tst	track or platform	x												
203/5	4896983	484114	79	Tst	track or platform			x					x					

TABLE C1: SUMMARY OF PROPOSED BORINGS

Boring Designation / Tower	Northing (meters)	Easting (meters)	Map Sheet Number (Appendix A)	Mapped Geologic Unit*	Assumed Rig Type (pending future reconnaissance)	Purpose												
						General	End	Angle Change Along Alignment	Slope Stability / Landslide	Geo-Seismic Hazard (i.e., liquefaction, lateral spreading, seismic slope instability)	Fault Crossing	Highway Crossing	Road Crossing	River Crossing	Railroad Crossing	Utility Crossing (Electric)	Utility Crossing (Natural Gas)	Canal Crossing
203/6	4896745	484085	79	Tst	track					x			x					
204/2	4896194	484016	79	Tst	track				x	x								
204/4	4895537	483933	79	Tst	track				x	x								
205/1	4894803	483841	79	Qls	track			x	x	x								
205/3	4894093	483823	79	Tst	track				x	x								
206/4	4892140	483772	80	Tst	truck or track					x				x				
207/1	4891767	483763	80	Tst	track									x				
208/1	4889872	483713	80	Tst	track	x												
209/5	4887037	483640	81	Qal	truck or track	x				x								
210/1	4886758	483633	81	Qal	truck or track					x								
211/1	4885254	483593	82	Qal	track	x												
211/5	4883890	483558	82	Tst	track	x												
212/3	4882930	483533	82	Tst	track or platform			x										
214/2	4881697	480987	83	Tst	track	x												
214/3	4881511	480575	83	Tst	track	x												
215/1	4881067	479600	83	Tst	track			x										
216/2	4880378	477933	83	Qal	truck or track			x		x				x				
216/4	4880387	477211	83	Qal	truck			x		x				x				x
217/3	4879913	476020	84	Qal	track					x			x			x		
218/2	4879438	474871	84	Qal	truck or track			x		x				x				
218/4	4878859	474692	84	Qal	truck			x		x								
219/2	4878559	473603	84	Tst	track			x										
220/2	4878503	472123	85	Tst	truck or track	x												
222/1	4878399	469352	85	Tst	track	x												
222/3	4878374	468695	86	Tst	track			x										
223/3	4877685	467048	86	Tst	track	x												
224/1	4877320	466174	86	Tst	track	x												
224/3	4877054	465539	86	Tst	track			x				x						
225/4	4876846	463719	87	Tst	track or platform			x										
227/1	4876227	461652	87	Tst	track			x										
227/3	4875607	461360	87	Tst	track	x												
232/4	4867486	462375	89	Qls	track or platform				x	x				x	x			
233/1	4867012	462498	89	Qls	track				x	x				x	x			
233/2	4866742	462655	89	Qls	track or platform			x	x	x								
233/4	4866003	462562	90	Tbcu	track			x										
235/1	4863941	463188	90	Tbcu	track			x										
236/3	4862017	464434	91	Tic	track	x												
237/2	4861090	465171	91	Qas1	track			x				x						
237/3	4860865	465373	91	Qas1	truck or track							x						
238/2	4859901	466237	91	Tic	track	x												
239/1	4858972	467070	92	Tic	track			x										
239/3	4858740	467760	92	Qas1	track			x		x								
240/3	4858541	469602	92	Qas1	track					x				x				
240/4	4858496	470021	92	Tic	track					x				x				

TABLE C1: SUMMARY OF PROPOSED BORINGS

Boring Designation / Tower	Northing (meters)	Easting (meters)	Map Sheet Number (Appendix A)	Mapped Geologic Unit*	Assumed Rig Type (pending future reconnaissance)	Purpose													
						General	End	Angle Change Along Alignment	Slope Stability / Landslide	Geo-Seismic Hazard (i.e., liquefaction, lateral spreading, seismic slope instability)	Fault Crossing	Highway Crossing	Road Crossing	River Crossing	Railroad Crossing	Utility Crossing (Electric)	Utility Crossing (Natural Gas)	Canal Crossing	
241/4	4858434	471433	93	Tic	track	x													
242/2	4858418	472260	93	Qas1	track			x											
243/3	4857710	474120	93	Qal	track			x		x									
243/5	4857304	474665	93	Tic	track			x											
244/4	4856769	475935	94	Qas1	track			x		x									
245/4	4856066	477029	94	Qas1	track			x		x									
246/1	4855350	477681	94	Qas1	track					x									
246/2	4855121	477889	94	Qal	track			x		x									
247/2	4853897	478402	97	Qas1	track			x											
248/1	4852661	479025	97	Qas1	track			x		x									
248/3	4852081	479267	97	Qas1	truck or track	x													
250/1	4849830	480205	98	Qas1	truck or track			x		x									
250/4	4848782	480726	98	Qas1	truck or track	x				x									
252/3	4846168	482024	99	Tbou	track	x				x									
253/1	4845493	482359	99	Tbou	track	x													
253/2	4845111	482549	99	Tig	track			x		x									
254/1	4844370	483650	99	Tig	platform			x											
255/1	4843437	484860	99	Tbcl	track			x											
257/3	4841542	487801	100	Tic	track or platform				x	x									
257/5	4841072	488078	100	Qas	track			x											
258/2	4840518	488265	101	Tbcm	track												x		
258/3	4840243	488357	101	Tbcm	truck or track												x		
259/4	4837950	489130	101	Qas	track	x				x									
260/3	4836715	489546	101	Qas	track	x				x									
261/2	4835718	489882	102	Tbcm	track	x													
261/4	4835170	490067	102	Tbcm	track					x									
262/2	4834137	490415	102	Tic	track			x											
263/2	4832608	491081	102	Tic	track	x													
264/1	4831475	491575	103	Qas	track	x													
265/1	4830236	492114	103	Tic	track			x											
266/1	4828670	492836	103	Tic	truck or track	x													
266/5	4827461	493125	104	Tic	track					x							x		
267/1	4827084	493131	104	Tic	track												x		
267/2	4826752	493136	104	Tstl	track			x											
267/5	4826110	493879	104	Tstl	track												x		
268/1	4825866	494161	104	Qas1	track												x		
270/1	4823501	495774	105	Tstl	track			x		x									
271/1	4822391	497089	105	Tbtv	track or platform	x													
271/5	4821505	498200	106	Tpd	truck or track	x													
272/4	4820584	499353	106	Tpd	truck or track												x		
274/2	4819282	501273	106	Tmf	track			x		x									
274/4	4818708	501935	107	Tpd	track					x									
275/1	4818405	502286	107	Tmf	track	x				x									
275/3	4817905	502863	107	Tmf	track or platform			x		x									

TABLE C1: SUMMARY OF PROPOSED BORINGS

Boring Designation / Tower	Northing (meters)	Easting (meters)	Map Sheet Number (Appendix A)	Mapped Geologic Unit*	Assumed Rig Type (pending future reconnaissance)	Purpose												
						General	End	Angle Change Along Alignment	Slope Stability / Landslide	Geo-Seismic Hazard (i.e., liquefaction, lateral spreading, seismic slope instability)	Fault Crossing	Highway Crossing	Road Crossing	River Crossing	Railroad Crossing	Utility Crossing (Electric)	Utility Crossing (Natural Gas)	Canal Crossing
276/5	4816297	504132	107	Tpd	truck or track			x		x	x							
277/1	4815832	504287	108	Tmf	track			x			x				x			
277/2	4815487	504547	108	Tmf	track or platform			x			x				x			
278/3	4815537	506205	108	Tpd	track					x								x
278/5	4815558	506903	108	Qa	track			x						x	x			
279/1	4815303	507254	108	Tpd	truck or track					x				x	x			
279/4	4814693	508098	108	Tpd	truck or track	x				x								
280/5	4813736	509422	109	Tpd	truck or track	x												
281/5	4812838	510664	109	Tpd	track					x	x	x						
282/1	4812583	511017	109	Tpd	truck or track			x				x	x					
282/2	4812303	511316	109	Tpd	track								x					
283/3	4811006	512563	110	Tpd	track				x	x								
283/5	4810445	512786	110	Tpd	track			x										
284/3	4809724	513961	110	Tpd	truck or track										x			
285/1	4809374	514539	110	Tpd	truck or track	x												
285/3	4808973	515184	111	Tpd	track or platform	x												
286/3	4808185	516468	111	Tmf	track			x										
288/1	4806763	518277	111	Tmf	truck or track			x										
288/3	4806081	518525	112	Tmf	truck or track			x										
289/1	4805614	519420	112	Tmf	track					x			x					
289/2	4805442	519749	112	Tmf	track								x					
289/4	4805131	520344	112	Tmf	track or platform			x										
290/2	4804385	521042	112	Tpd	track					x					x			
290/3	4804155	521258	112	Tpd	track								x	x				
290/4	4803901	521496	112	Tpd	truck or track			x		x			x					
292/1	4802827	523406	113	Tpd	track			x					x					
292/4	4802096	524063	113	Tpd	truck or track			x										
293/1	4801951	524658	113	Tpd	truck or track								x					
293/2	4801892	524900	113	Tpd	truck or track						x					x		
293/3	4801846	525090	113	Tpd	track									x		x		
294/2	4801460	526674	114	Qa	track			x		x								
294/4	4800850	527089	114	Qa	truck or track	x												
295/1	4800576	527275	114	Qa	truck or track					x			x	x				
295/2	4800128	527580	114	Qa	truck or track			x		x			x	x				

* See Appendix A, Table A2 and Table A3 for definitions of geologic unit abbreviations.