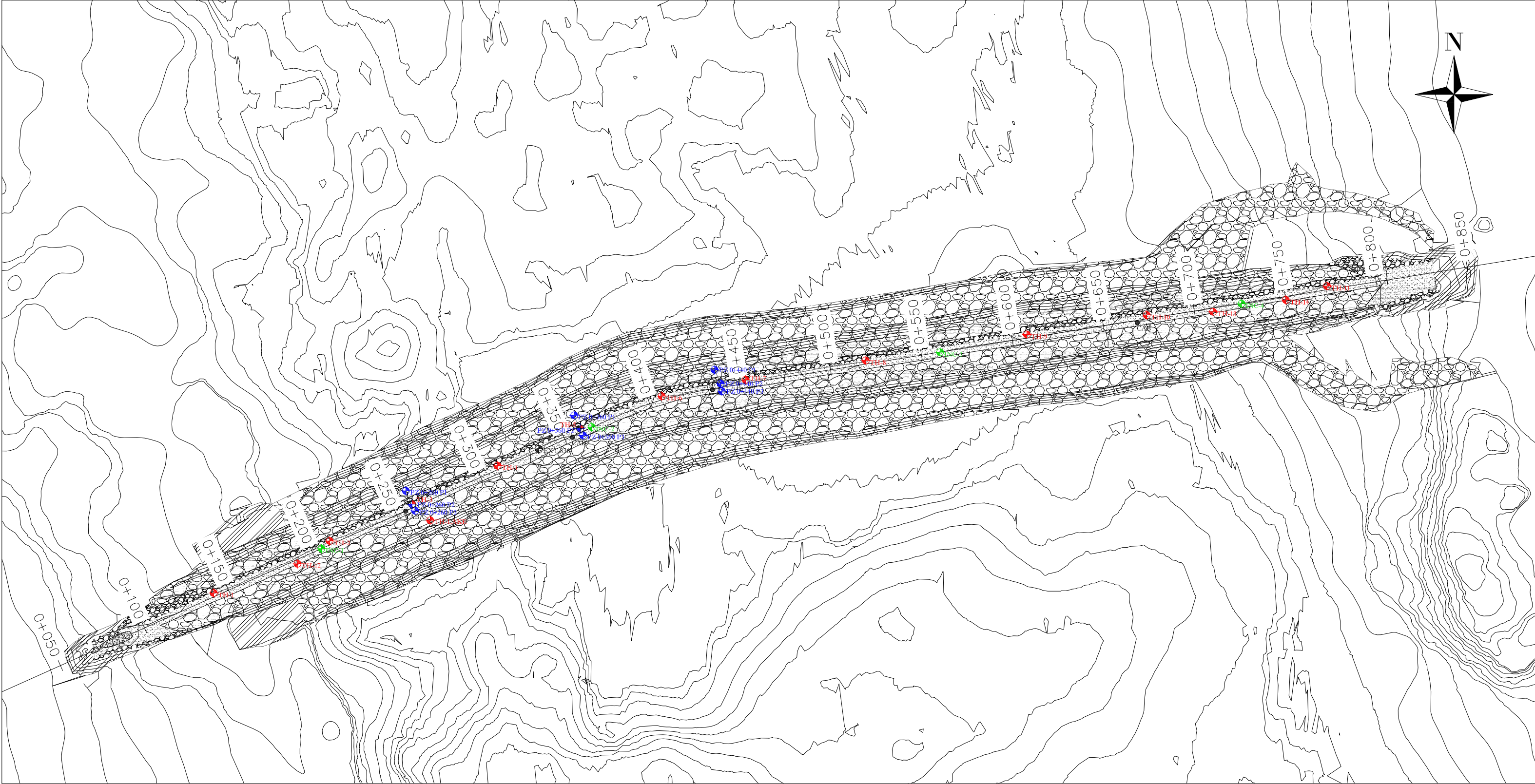
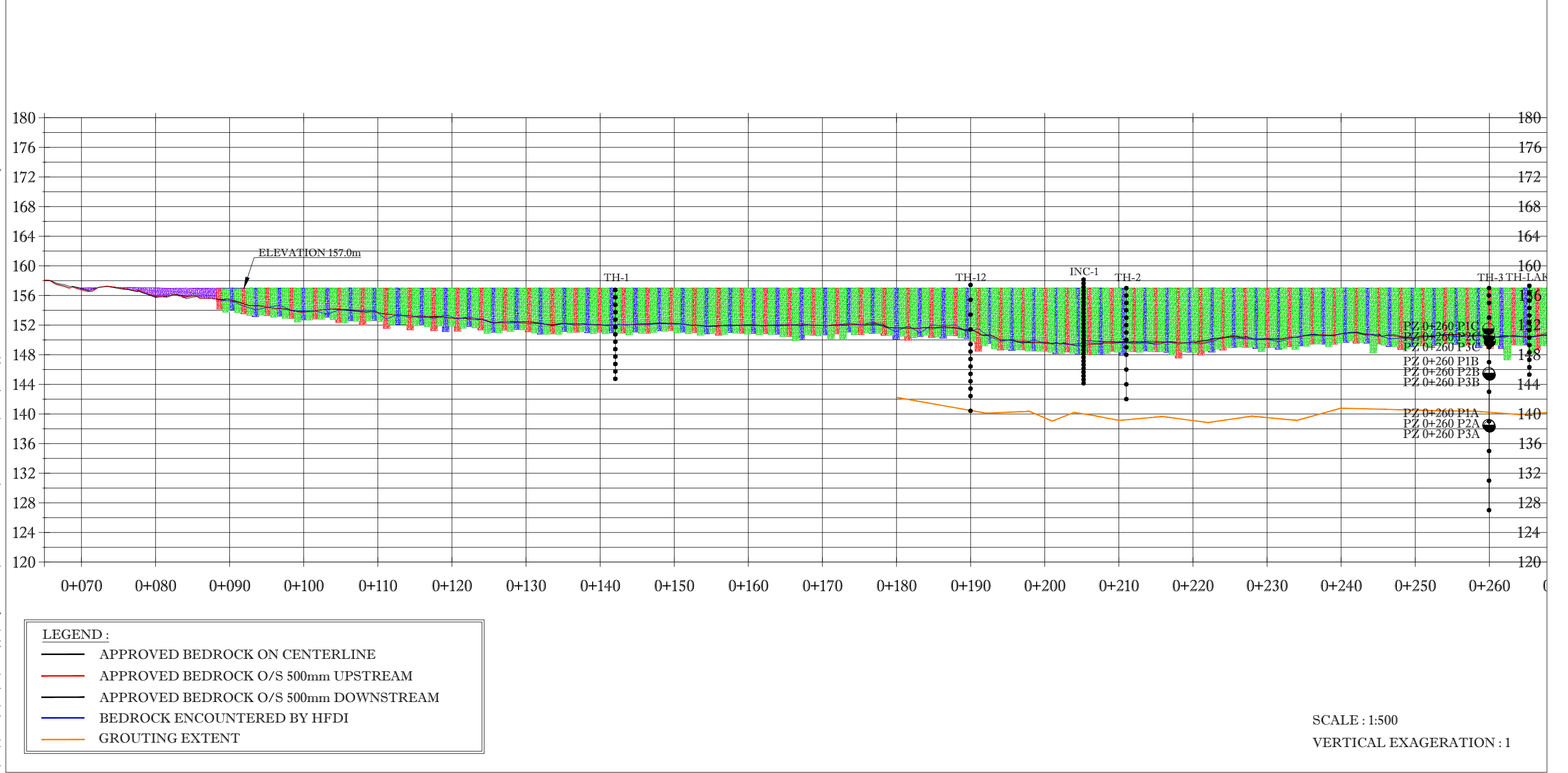


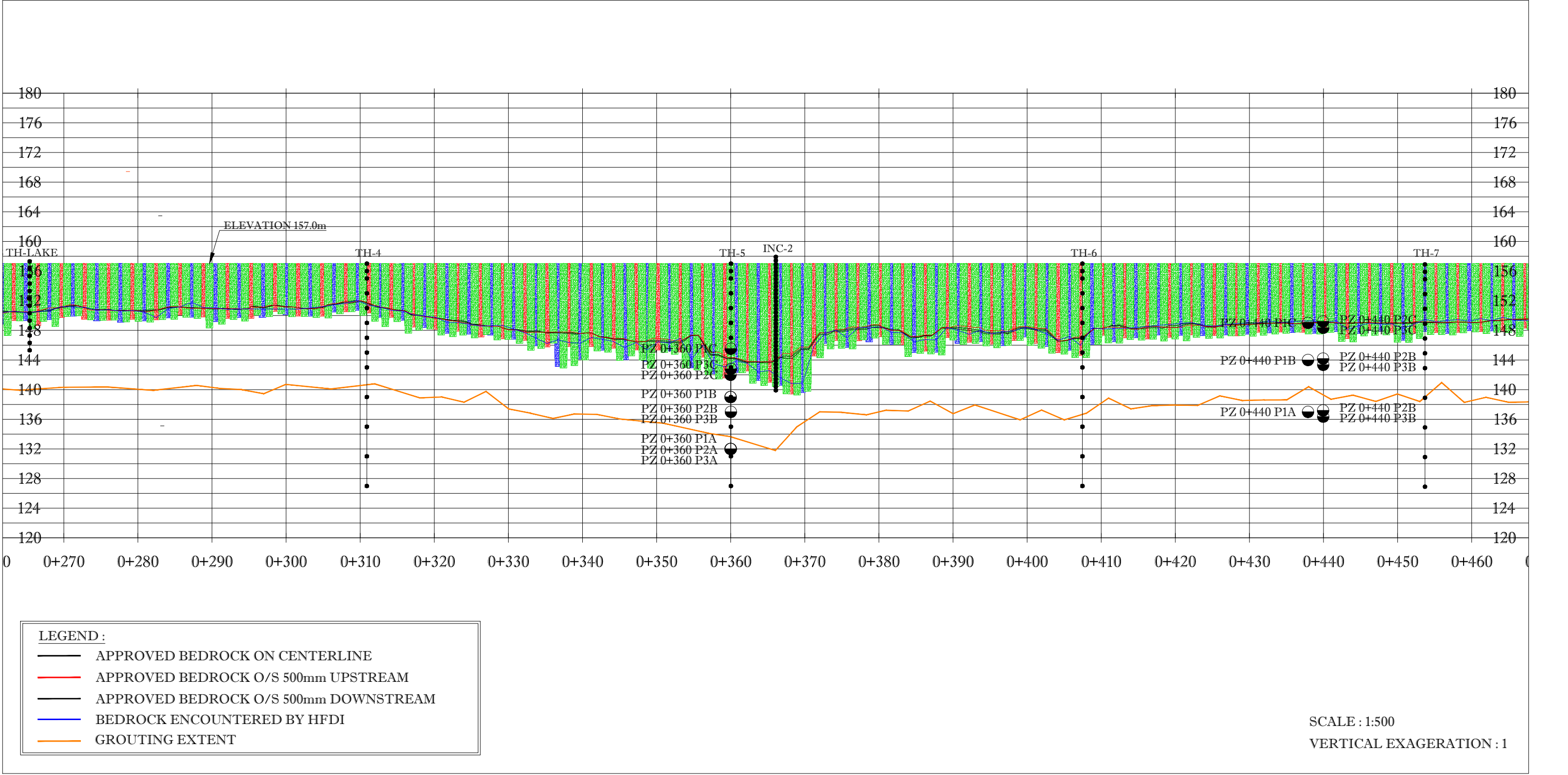
INSTRUMENTATION PLAN VIEW AS-BUILT
WHALE TAIL DIKE CONSTRUCTION
CONTRACT # 11-811



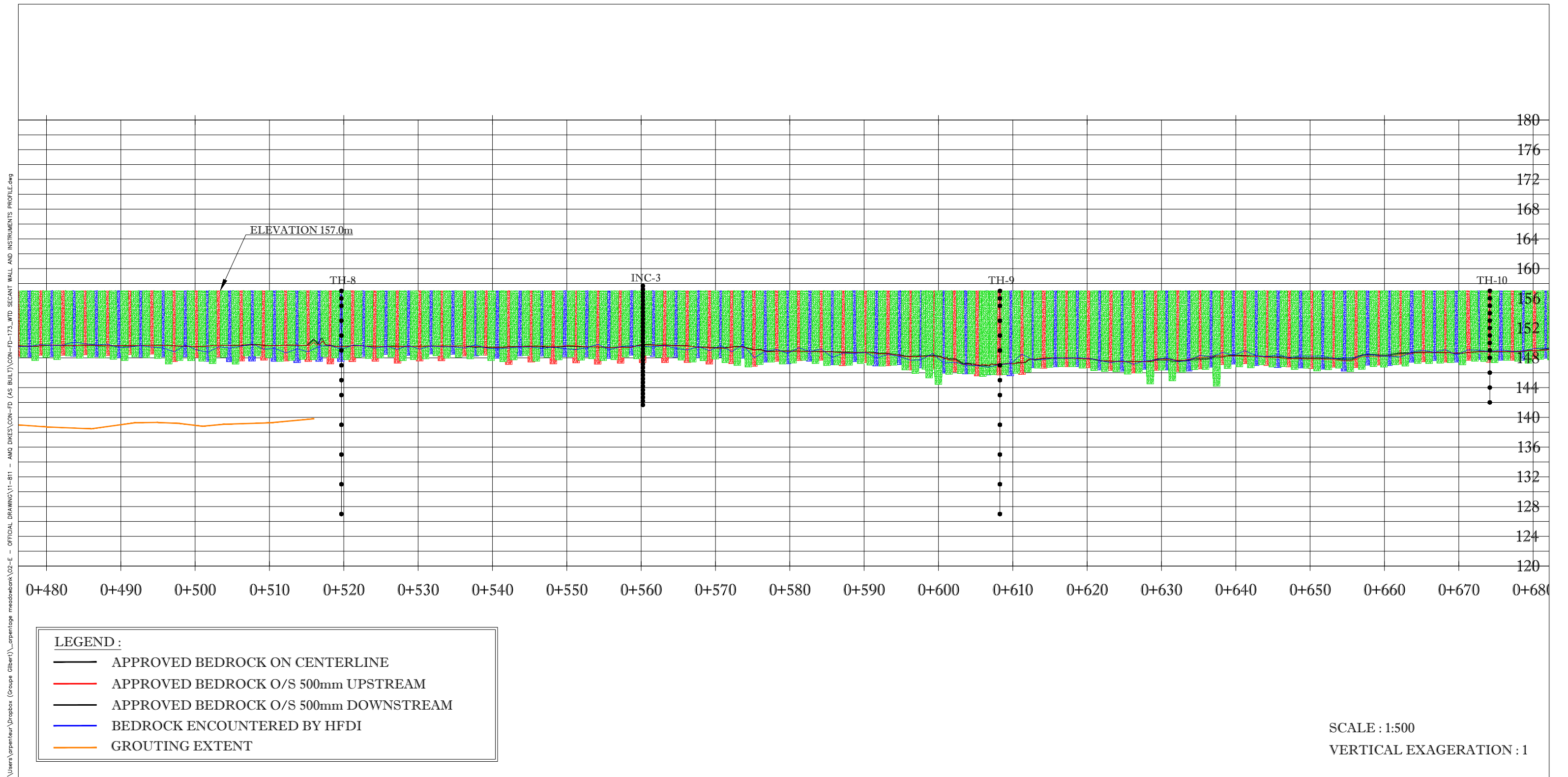
PROFILE SECANT WALL AND INSTRUMENTATION AS-BUILT
WHALE TAIL DIKE CONSTRUCTION
CONTRACT # 11-811



PROFILE SECANT WALL AND INSTRUMENTATION AS-BUILT
WHALE TAIL DIKE CONSTRUCTION
CONTRACT # 11-811

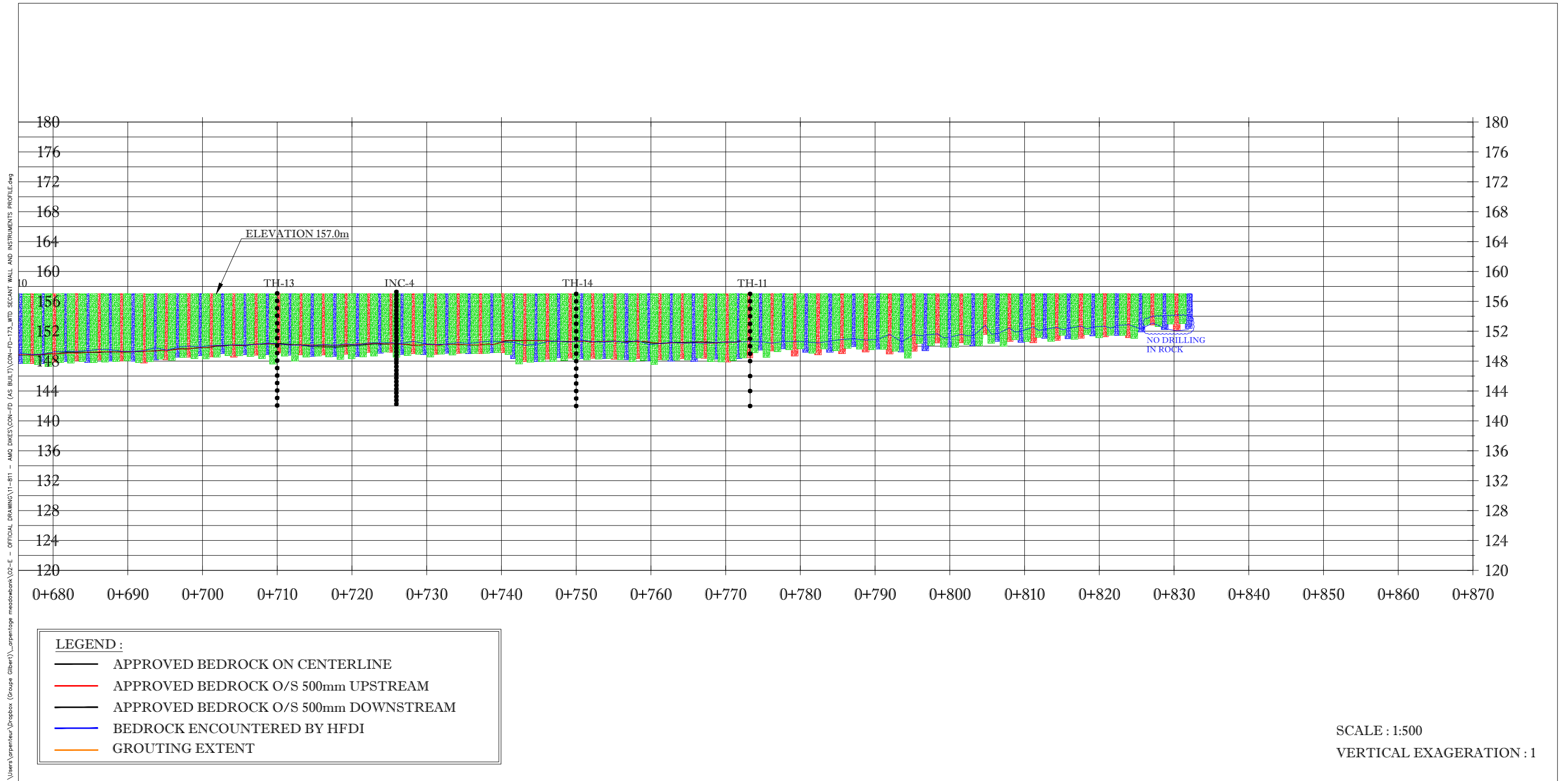


PROFILE SECANT WALL AND INSTRUMENTATION AS-BUILT
WHALE TAIL DIKE CONSTRUCTION
CONTRACT # 11-811



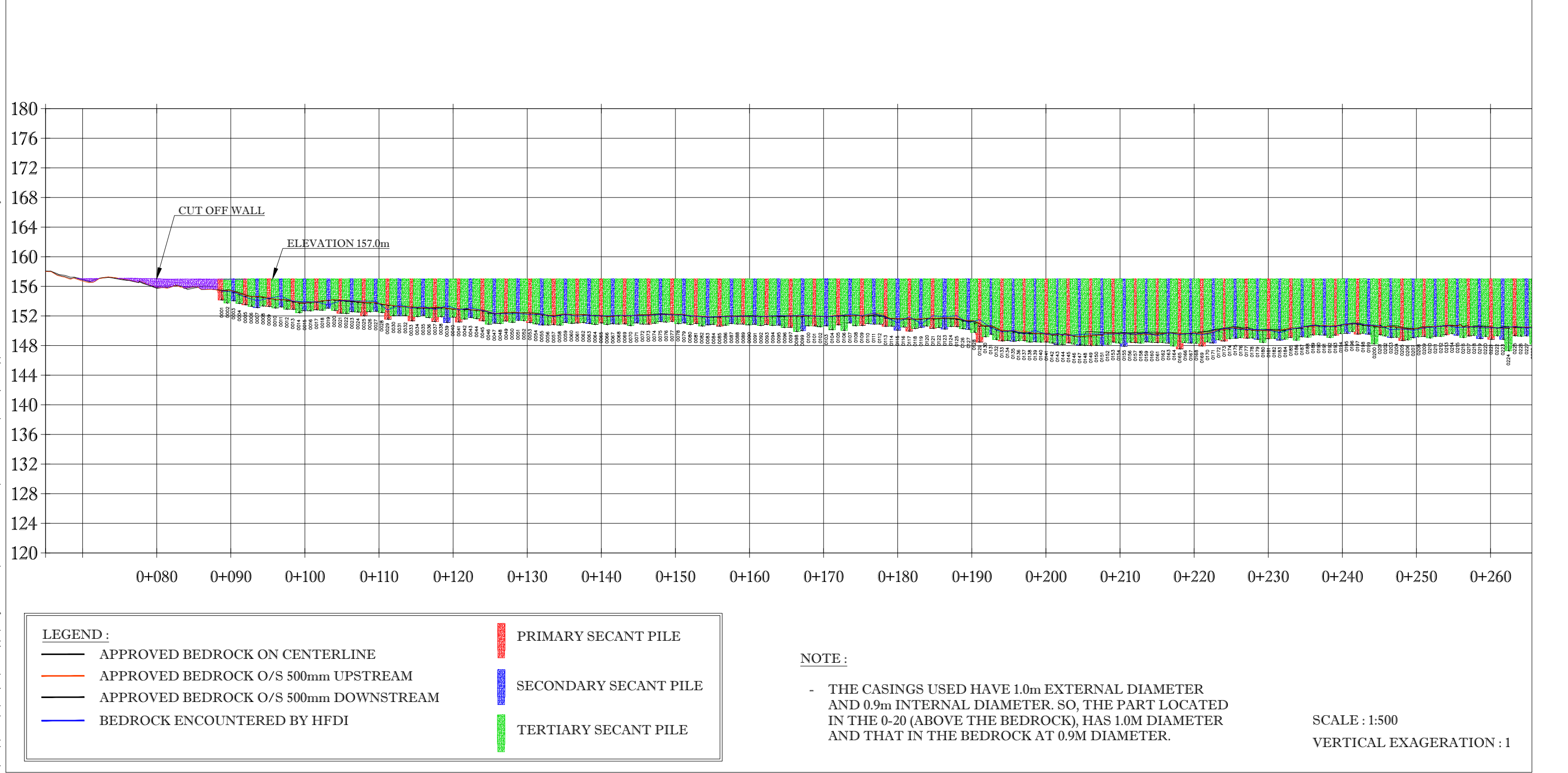
PREPARED BY : MIKAËL LÉVESQUE
DATE : 05-06-2019
CON-FD-173-03

PROFILE SECANT WALL AND INSTRUMENTATION AS-BUILT
WHALE TAIL DIKE CONSTRUCTION
CONTRACT # 11-811

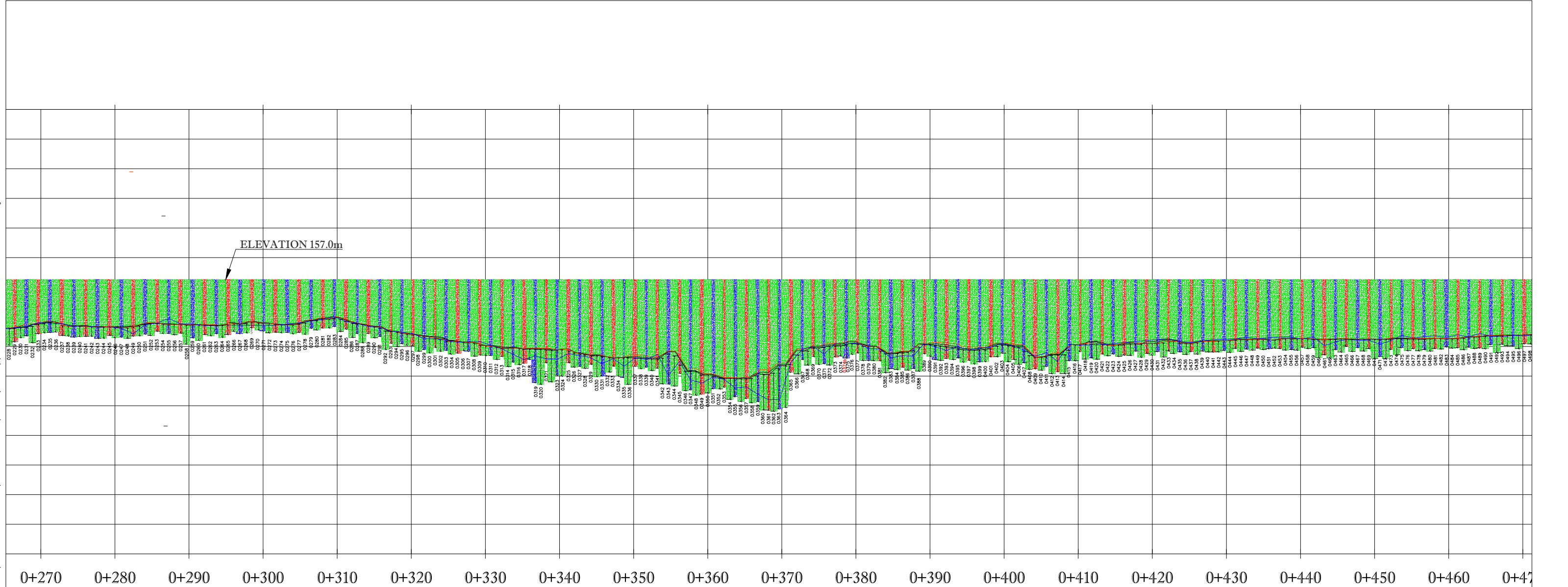


PREPARED BY : MIKAËL LÉVESQUE
DATE : 05-06-2019
CON-FD-173-04

PROFILE SECANT PILES AS-BUILT
WHALE TAIL CONSTRUCTION
CONTRACT # 11-811



PROFILE SECANT PILES AS-BUILT
WHALE TAIL CONSTRUCTION
CONTRACT # 11-811



LEGEND :

- APPROVED BEDROCK ON CENTERLINE
- APPROVED BEDROCK O/S 500mm UPSTREAM
- APPROVED BEDROCK O/S 500mm DOWNSTREAM
- BEDROCK ENCOUNTERED BY HFDI

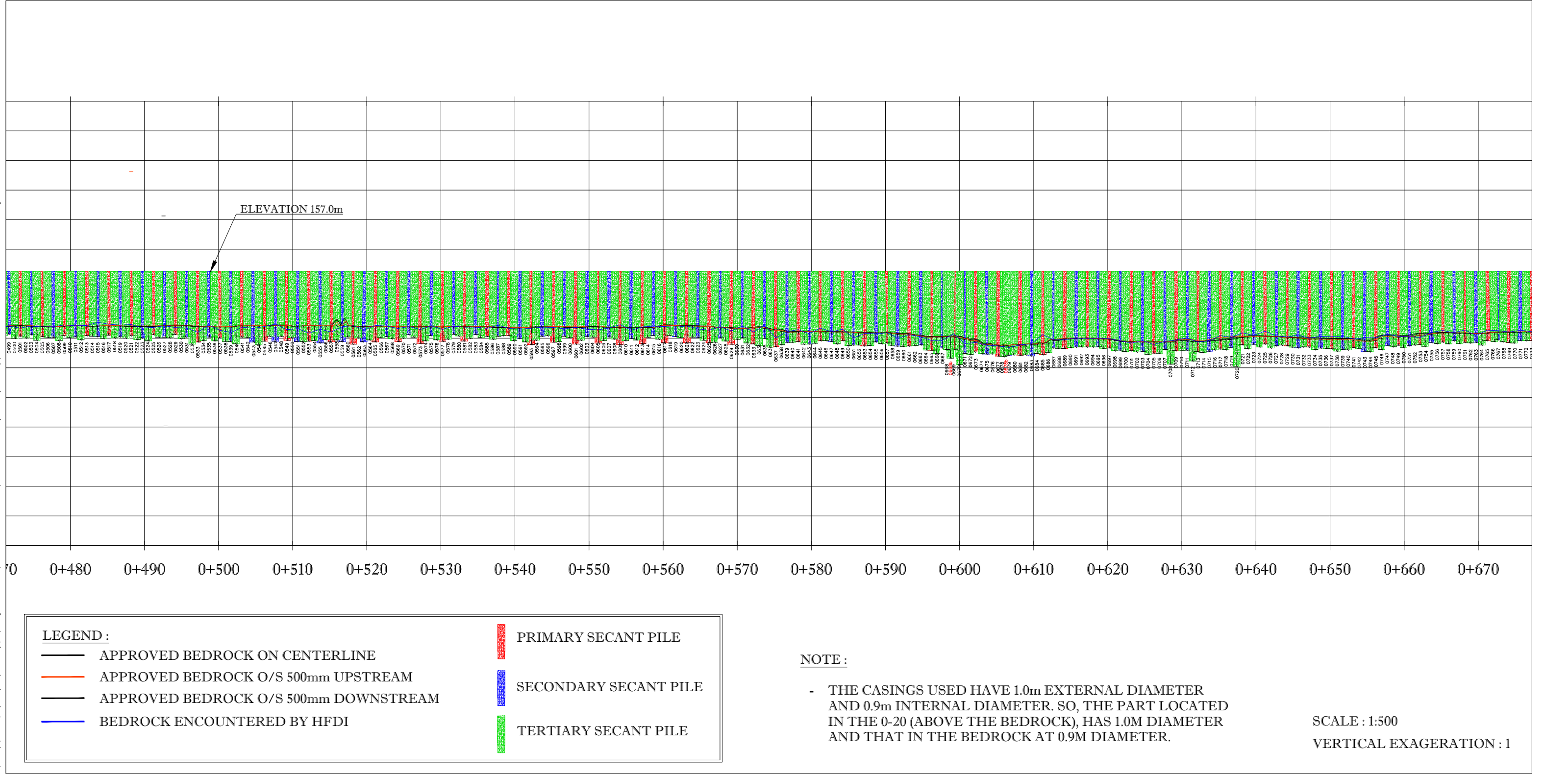
- PRIMARY SECANT PILE
- SECONDARY SECANT PILE
- TERTIARY SECANT PILE

NOTE :

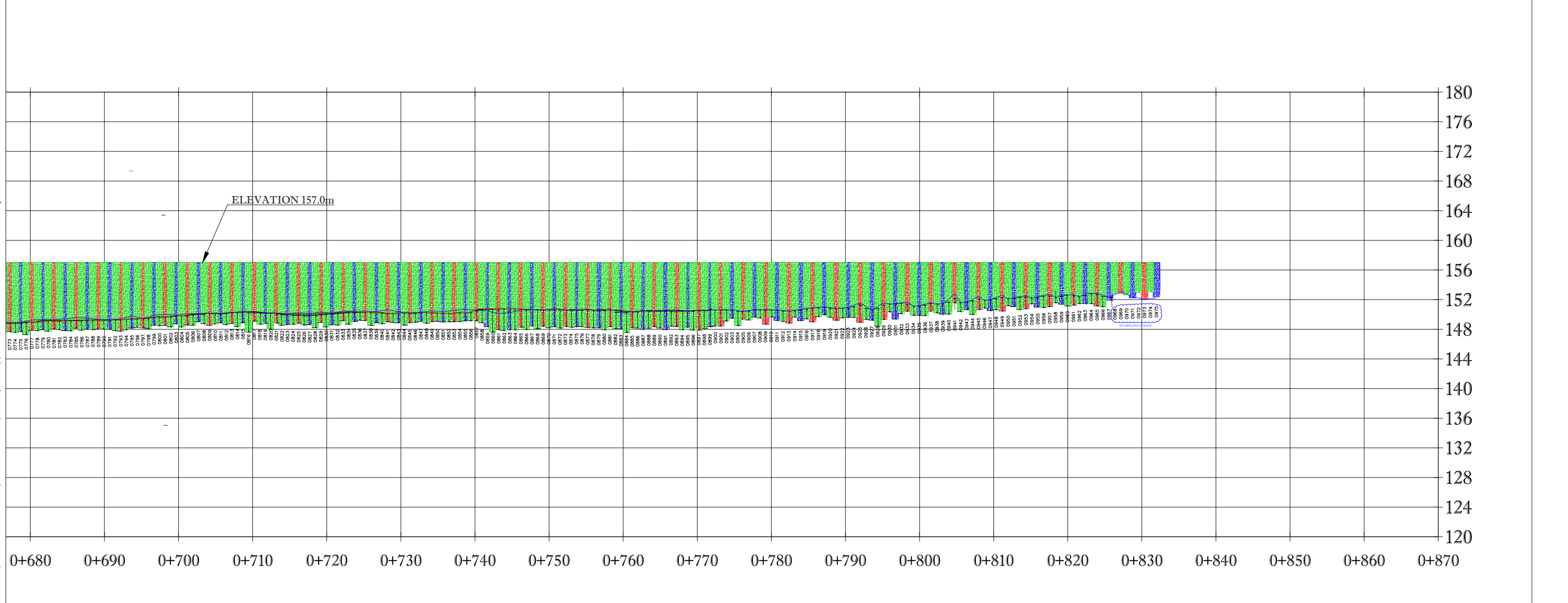
- THE CASINGS USED HAVE 1.0m EXTERNAL DIAMETER AND 0.9m INTERNAL DIAMETER. SO, THE PART LOCATED IN THE 0-20 (ABOVE THE BEDROCK), HAS 1.0M DIAMETER AND THAT IN THE BEDROCK AT 0.9M DIAMETER.

SCALE : 1:500
VERTICAL EXAGGERATION : 1

PROFILE SECANT PILES AS-BUILT
WHALE TAIL CONSTRUCTION
CONTRACT # 11-811



PROFILE SECANT PILES AS-BUILT
WHALE TAIL CONSTRUCTION
CONTRACT # 11-811



LEGEND :

- APPROVED BEDROCK ON CENTERLINE
- APPROVED BEDROCK O/S 500mm UPSTREAM
- APPROVED BEDROCK O/S 500mm DOWNSTREAM
- BEDROCK ENCOUNTERED BY HFDI

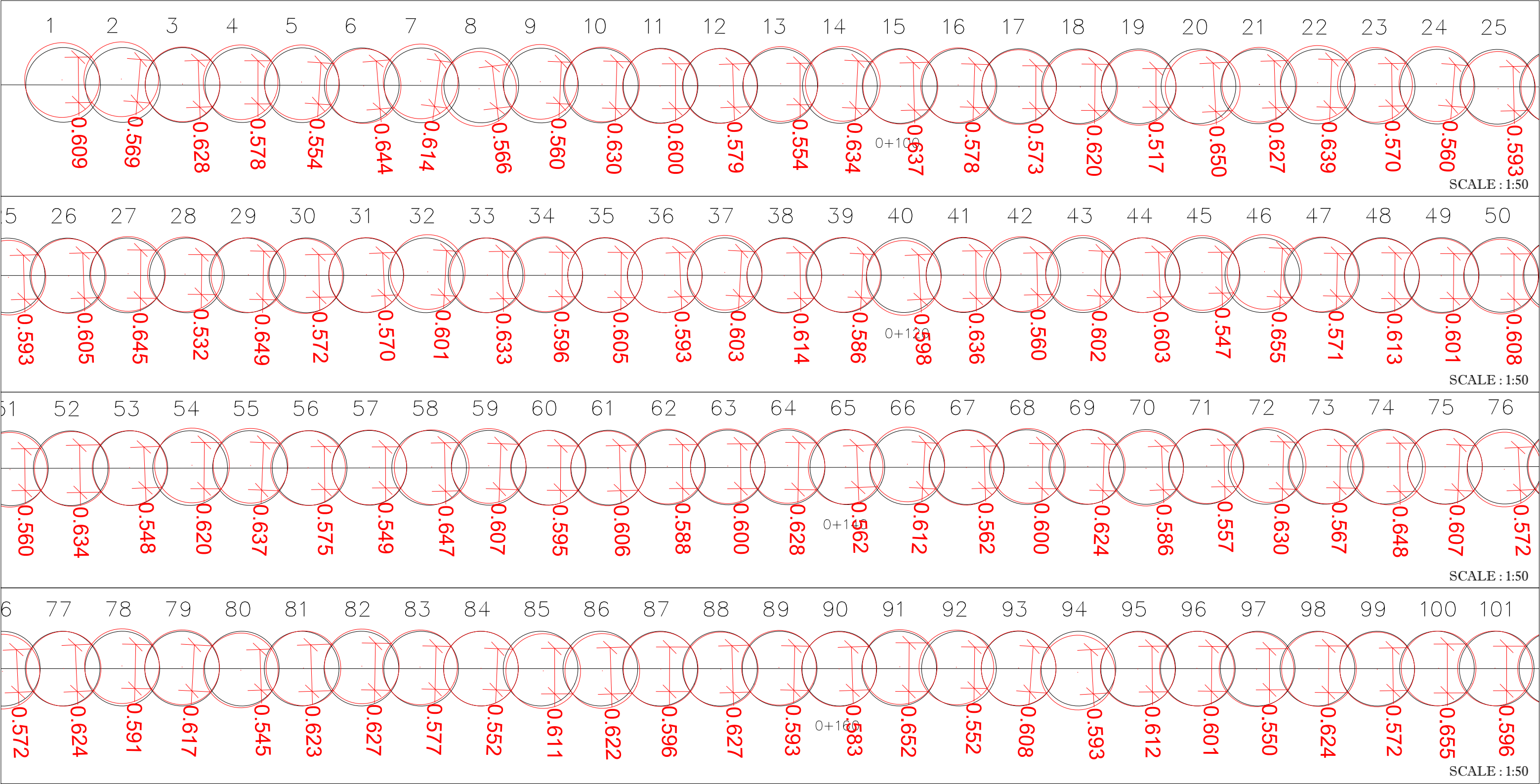
- PRIMARY SECANT PILE
- SECONDARY SECANT PILE
- TERTIARY SECANT PILE

NOTE :

- THE CASINGS USED HAVE 1.0m EXTERNAL DIAMETER AND 0.9m INTERNAL DIAMETER. SO, THE PART LOCATED IN THE 0-20 (ABOVE THE BEDROCK), HAS 1.0M DIAMETER AND THAT IN THE BEDROCK AT 0.9M DIAMETER.

SCALE : 1:500
VERTICAL EXAGGERATION : 1

TOP SECANT PILES AS-BUILT (1.0m Ø)
WHALE TAIL CONSTRUCTION
CONTRACT # 11-811

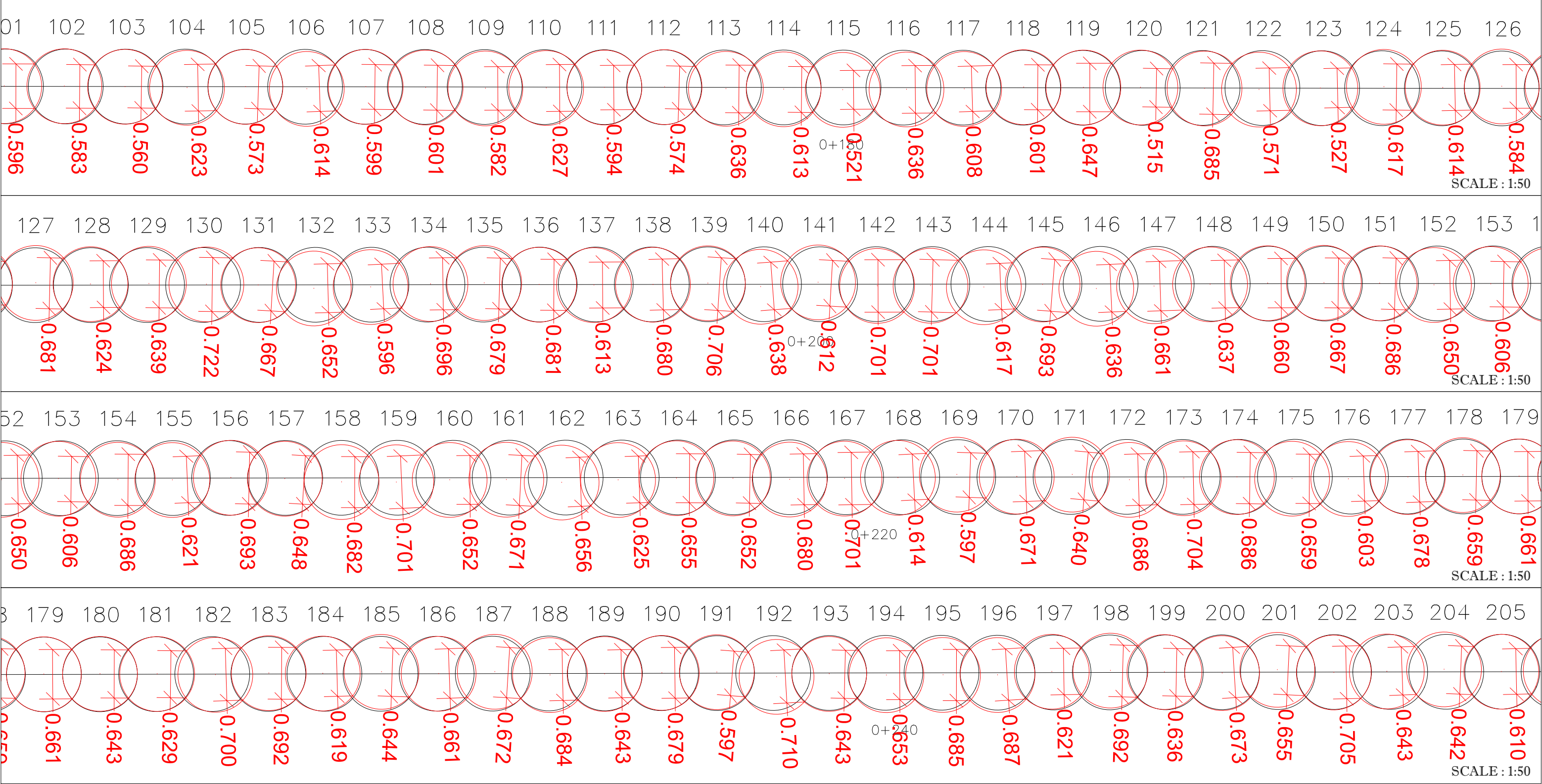


NOTE :
- THE CASINGS USED HAVE 1.0m EXTERNAL DIAMETER AND 0.9m INTERNAL DIAMETER. SO, THE PART LOCATED IN THE 0-20 (ABOVE THE BEDROCK), HAS 1.0M DIAMETER AND THAT IN THE BEDROCK AT 0.9M.

- LEGEND :**
- TOP SECANT PILE (1.0m Ø)
 - BOTTOM SECANT PILE (0.9m Ø)
 - THEORETICAL SECANT PILE

PREPARED BY : MIKAËL LÉVESQUE
DATE : 05-06-2019
CON-FD-174-05

TOP SECANT PILES AS-BUILT (1.0m Ø)
WHALE TAIL CONSTRUCTION
CONTRACT # 11-811

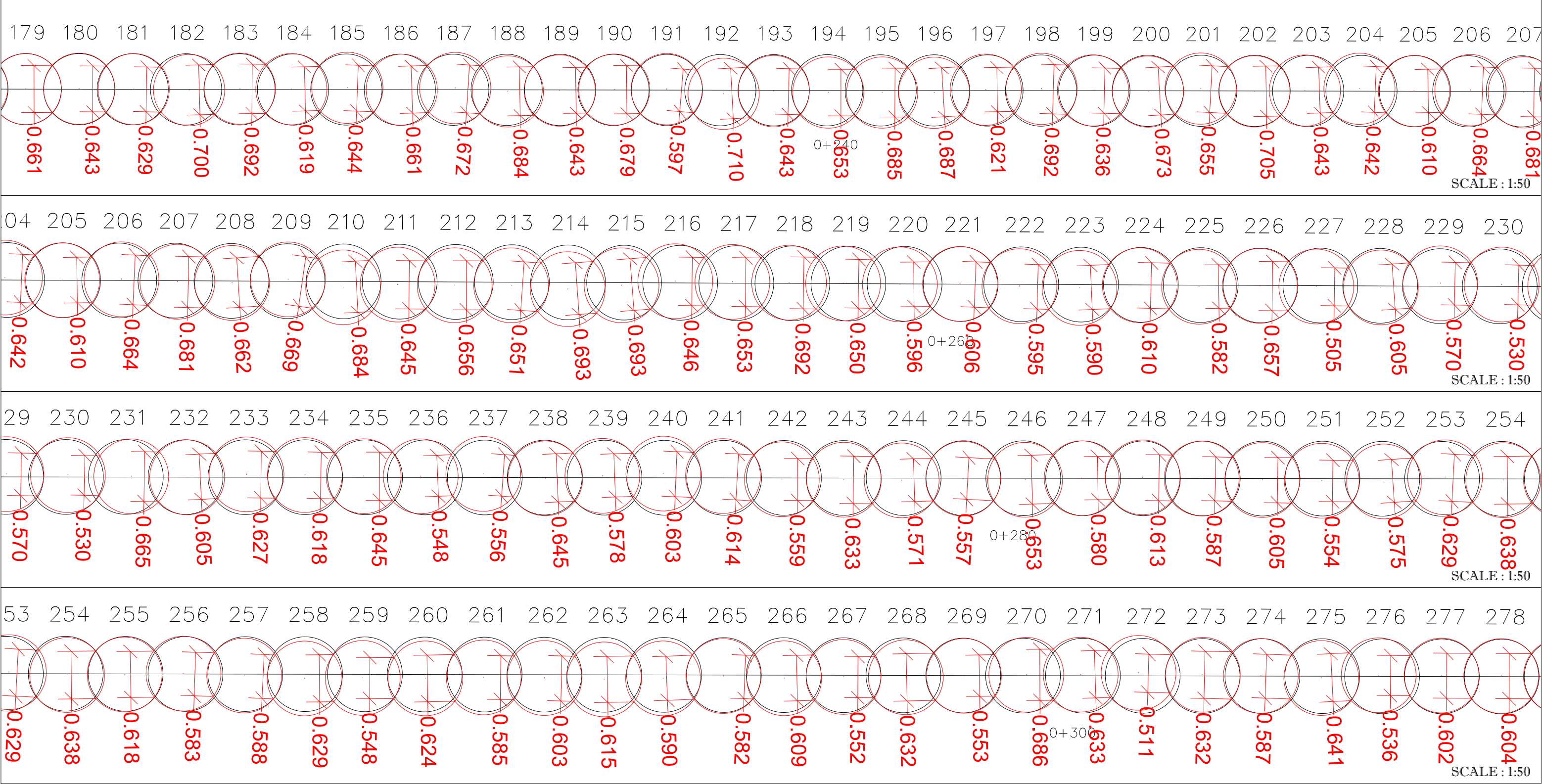


NOTE :
- THE CASINGS USED HAVE 1.0m EXTERNAL DIAMETER AND 0.9m INTERNAL DIAMETER. SO, THE PART LOCATED IN THE 0-20 (ABOVE THE BEDROCK), HAS 1.0M DIAMETER AND THAT IN THE BEDROCK AT 0.9M DIAMETER.

- LEGEND :**
- TOP SECANT PILE (1.0m Ø)
 - BOTTOM SECANT PILE (0.9m Ø)
 - THEORETICAL SECANT PILE

PREPARED BY : MIKAËL LÉVESQUE
DATE : 05-06-2019
CON-FD-174-06

TOP SECANT PILES AS-BUILT (1.0m Ø)
WHALE TAIL CONSTRUCTION
CONTRACT # 11-811

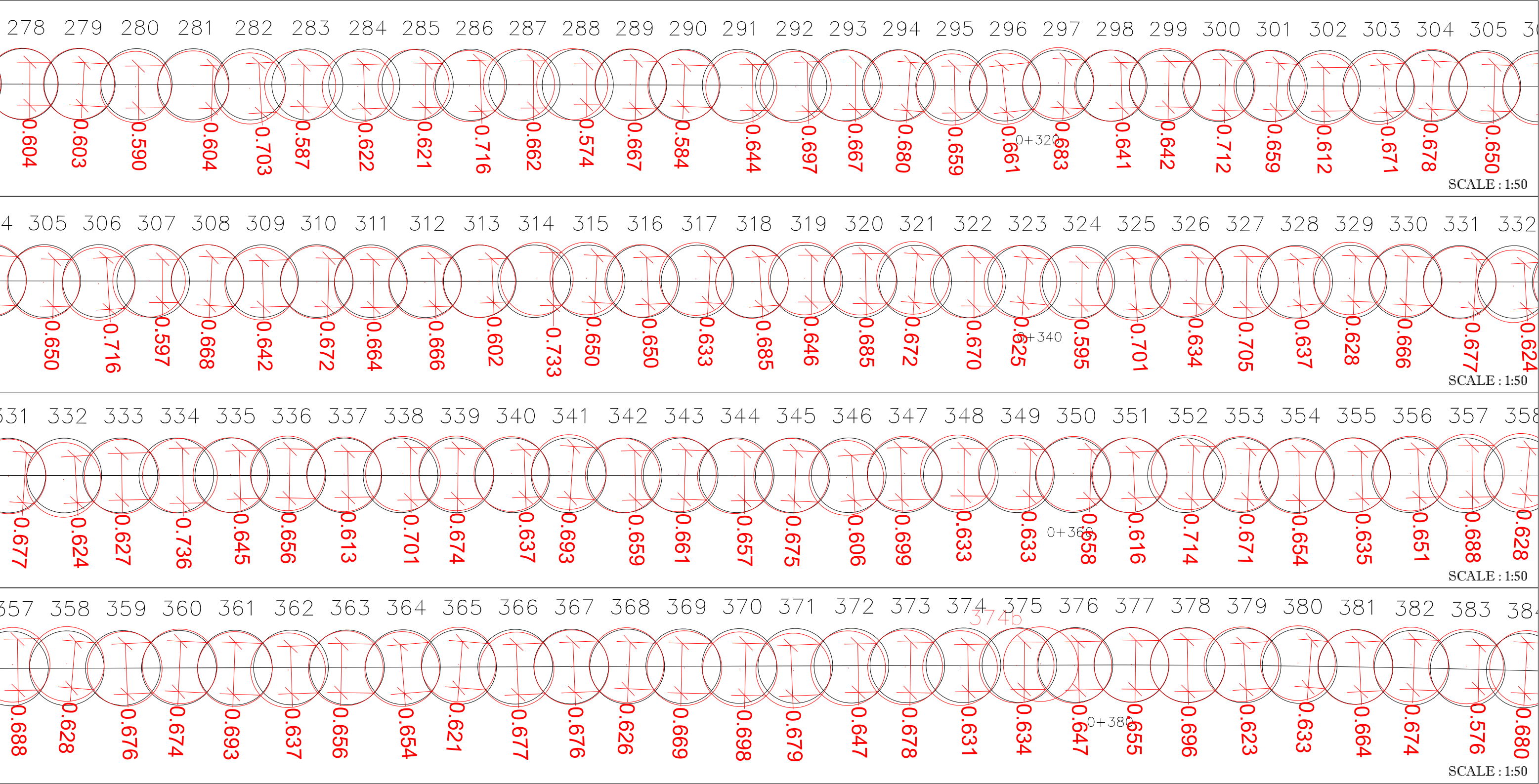


NOTE :
- THE CASINGS USED HAVE 1.0m EXTERNAL DIAMETER AND 0.9m INTERNAL DIAMETER. SO, THE PART LOCATED IN THE 0-20 (ABOVE THE BEDROCK), HAS 1.0M DIAMETER AND THAT IN THE BEDROCK AT 0.9M DIAMETER.

- LEGEND :**
- TOP SECANT PILE (1.0m Ø)
 - BOTTOM SECANT PILE (0.9m Ø)
 - THEORETICAL SECANT PILE

PREPARED BY : MIKAËL LÉVESQUE
DATE : 05-06-2019
CON-FD-174-07

TOP SECANT PILES AS-BUILT (1.0m Ø)
WHALE TAIL CONSTRUCTION
CONTRACT # 11-811



NOTE :

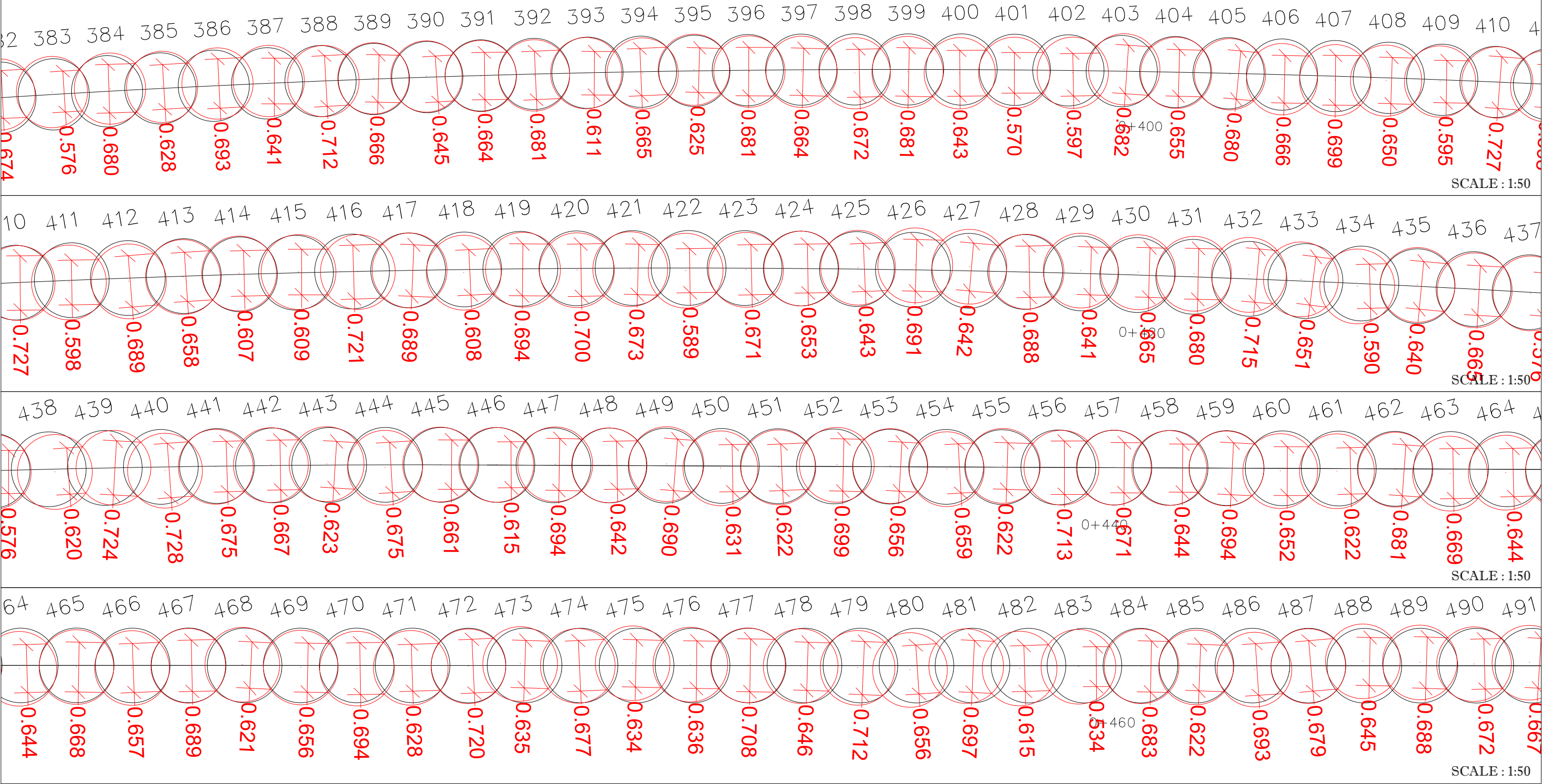
- THE CASINGS USED HAVE 1.0m EXTERNAL DIAMETER AND 0.9m INTERNAL DIAMETER. SO, THE PART LOCATED IN THE 0-20 (ABOVE THE BEDROCK), HAS 1.0M DIAMETER AND THAT IN THE BEDROCK AT 0.9M DIAMETER.

LEGEND :

- TOP SECANT PILE (1.0m Ø)
- BOTTOM SECANT PILE (0.9m Ø)
- THEORETICAL SECANT PILE

PREPARED BY : MIKAËL LÉVESQUE
DATE : 05-06-2019
CON-FD-174-08

TOP SECANT PILES AS-BUILT (1.0m Ø)
WHALE TAIL CONSTRUCTION
CONTRACT # 11-811

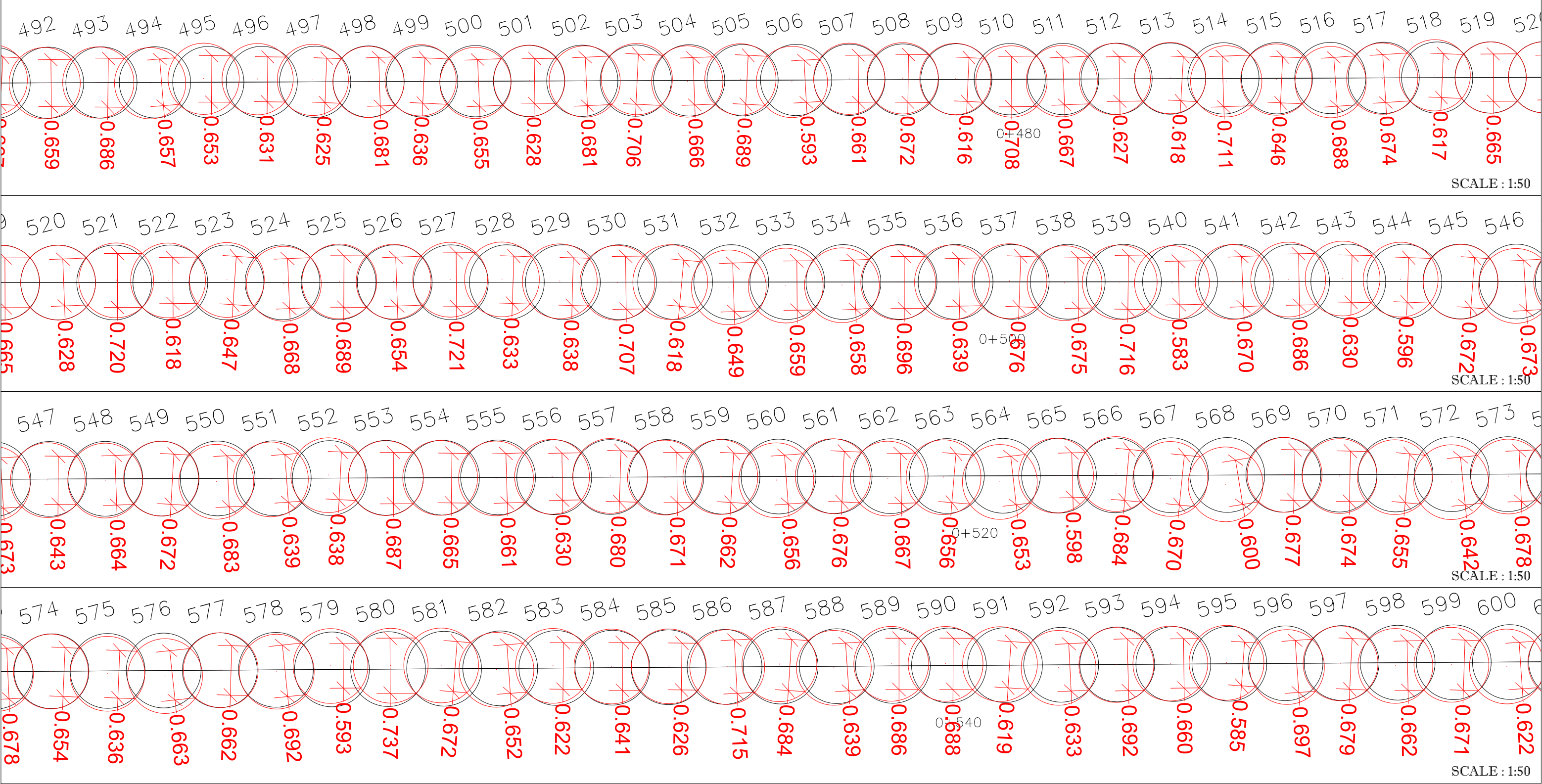


NOTE :
- THE CASINGS USED HAVE 1.0m EXTERNAL DIAMETER AND 0.9m INTERNAL DIAMETER. SO, THE PART LOCATED IN THE 0-20 (ABOVE THE BEDROCK), HAS 1.0M DIAMETER AND THAT IN THE BEDROCK AT 0.9M DIAMETER.

- LEGEND :**
- TOP SECANT PILE (1.0m Ø)
 - BOTTOM SECANT PILE (0.9m Ø)
 - THEORETICAL SECANT PILE

PREPARED BY : MIKAËL LÉVESQUE
DATE : 05-06-2019
CON-FD-174-09

TOP SECANT PILES AS-BUILT (1.0m Ø)
WHALE TAIL CONSTRUCTION
CONTRACT # 11-811

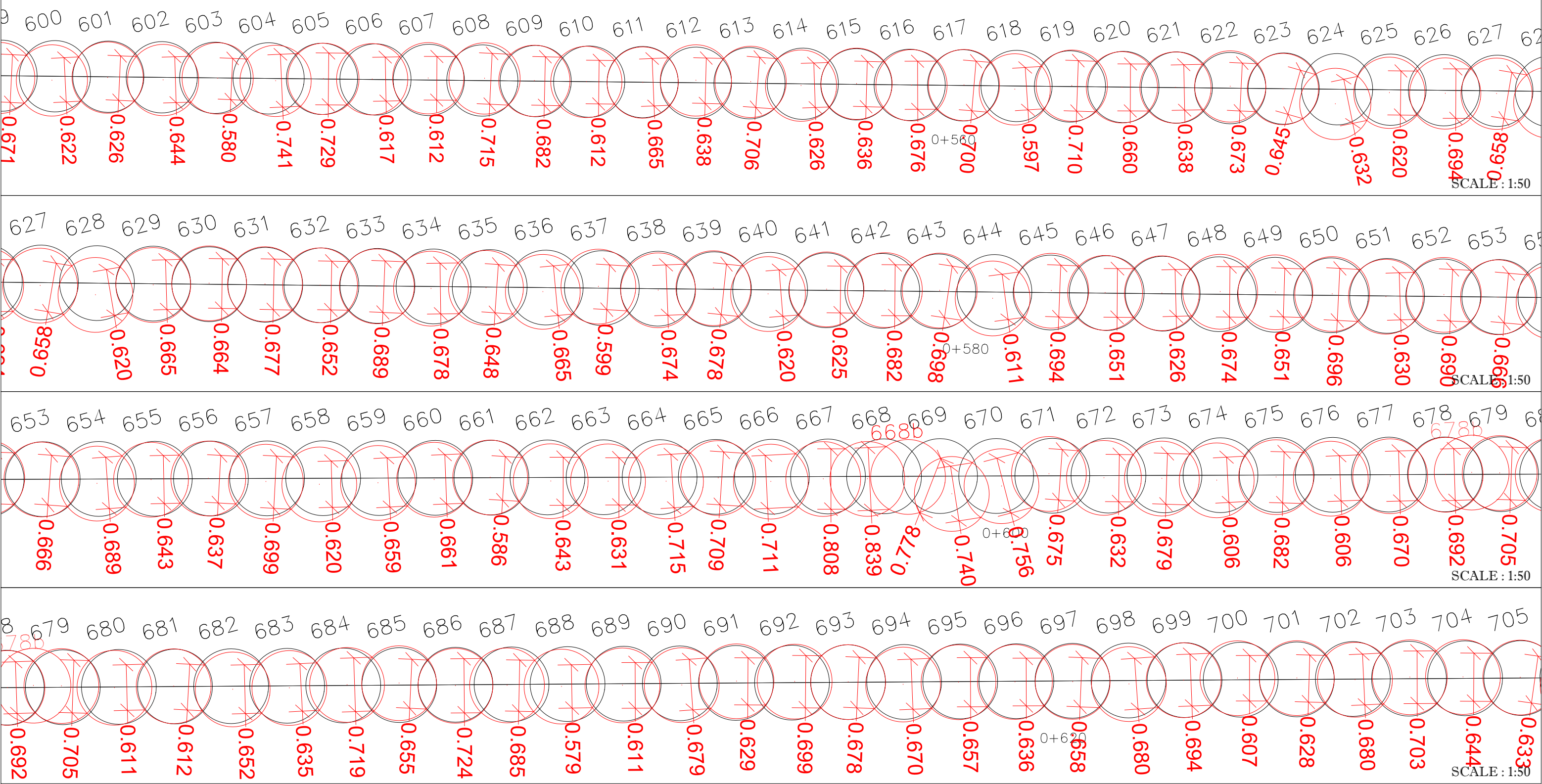


NOTE :
- THE CASINGS USED HAVE 1.0m EXTERNAL DIAMETER AND 0.9m INTERNAL DIAMETER. SO, THE PART LOCATED IN THE 0-20 (ABOVE THE BEDROCK), HAS 1.0M DIAMETER AND THAT IN THE BEDROCK AT 0.9M DIAMETER.

- LEGEND :
- TOP SECANT PILE (1.0m Ø)
 - BOTTOM SECANT PILE (0.9m Ø)
 - THEORETICAL SECANT PILE

PREPARED BY : MIKAËL LÉVESQUE
DATE : 05-06-2019
CON-FD-174-10

TOP SECANT PILES AS-BUILT (1.0m Ø)
WHALE TAIL CONSTRUCTION
CONTRACT # 11-811

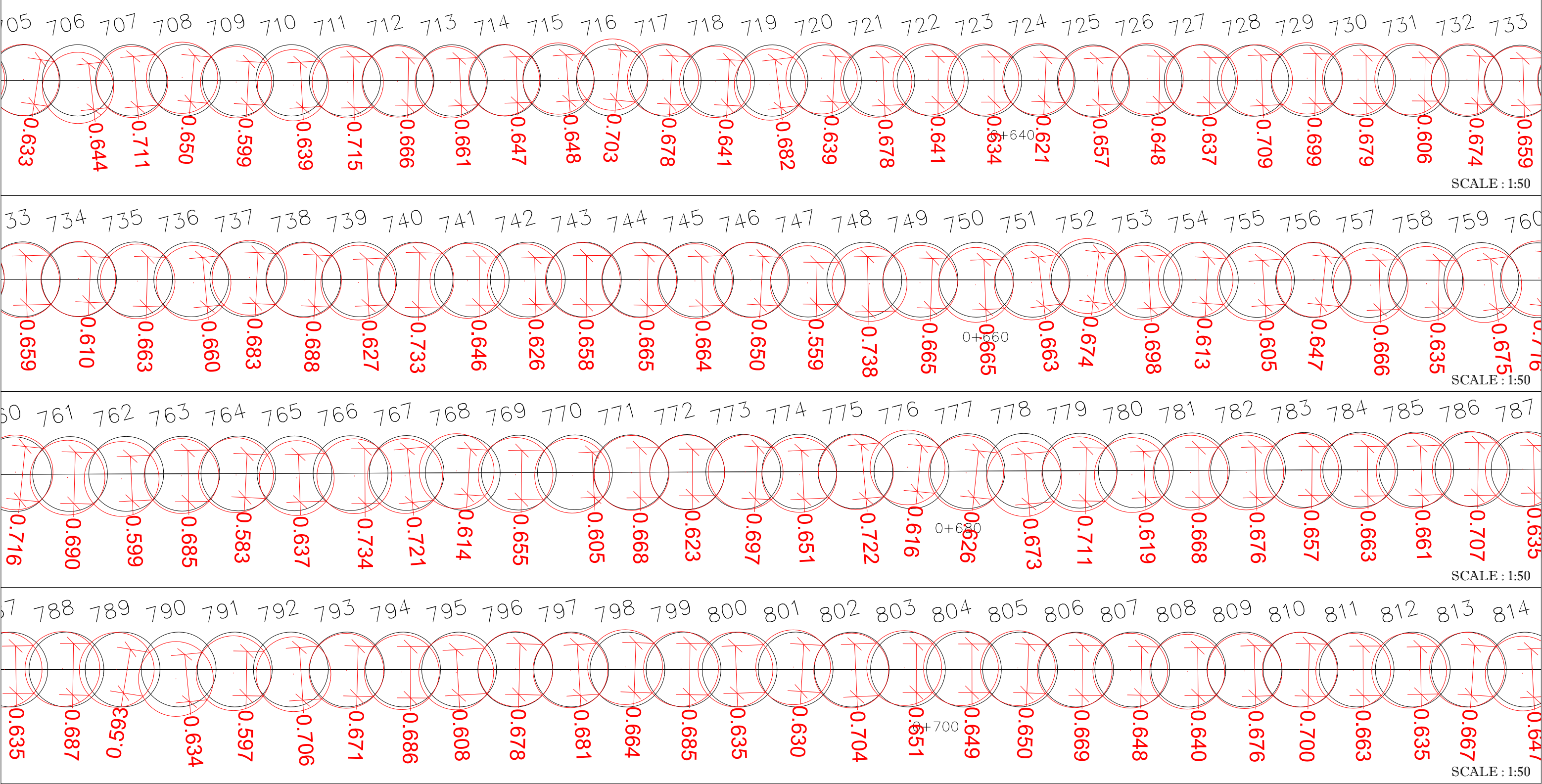


NOTE :
- THE CASINGS USED HAVE 1.0m EXTERNAL DIAMETER AND 0.9m INTERNAL DIAMETER. SO, THE PART LOCATED IN THE 0-20 (ABOVE THE BEDROCK), HAS 1.0M DIAMETER AND THAT IN THE BEDROCK AT 0.9M DIAMETER.

- LEGEND :
- TOP SECANT PILE (1.0m Ø)
 - BOTTOM SECANT PILE (0.9m Ø)
 - THEORETICAL SECANT PILE

PREPARED BY : MIKAËL LÉVESQUE
DATE : 05-06-2019
CON-FD-174-11

TOP SECANT PILES AS-BUILT (1.0m Ø)
WHALE TAIL CONSTRUCTION
CONTRACT # 11-811

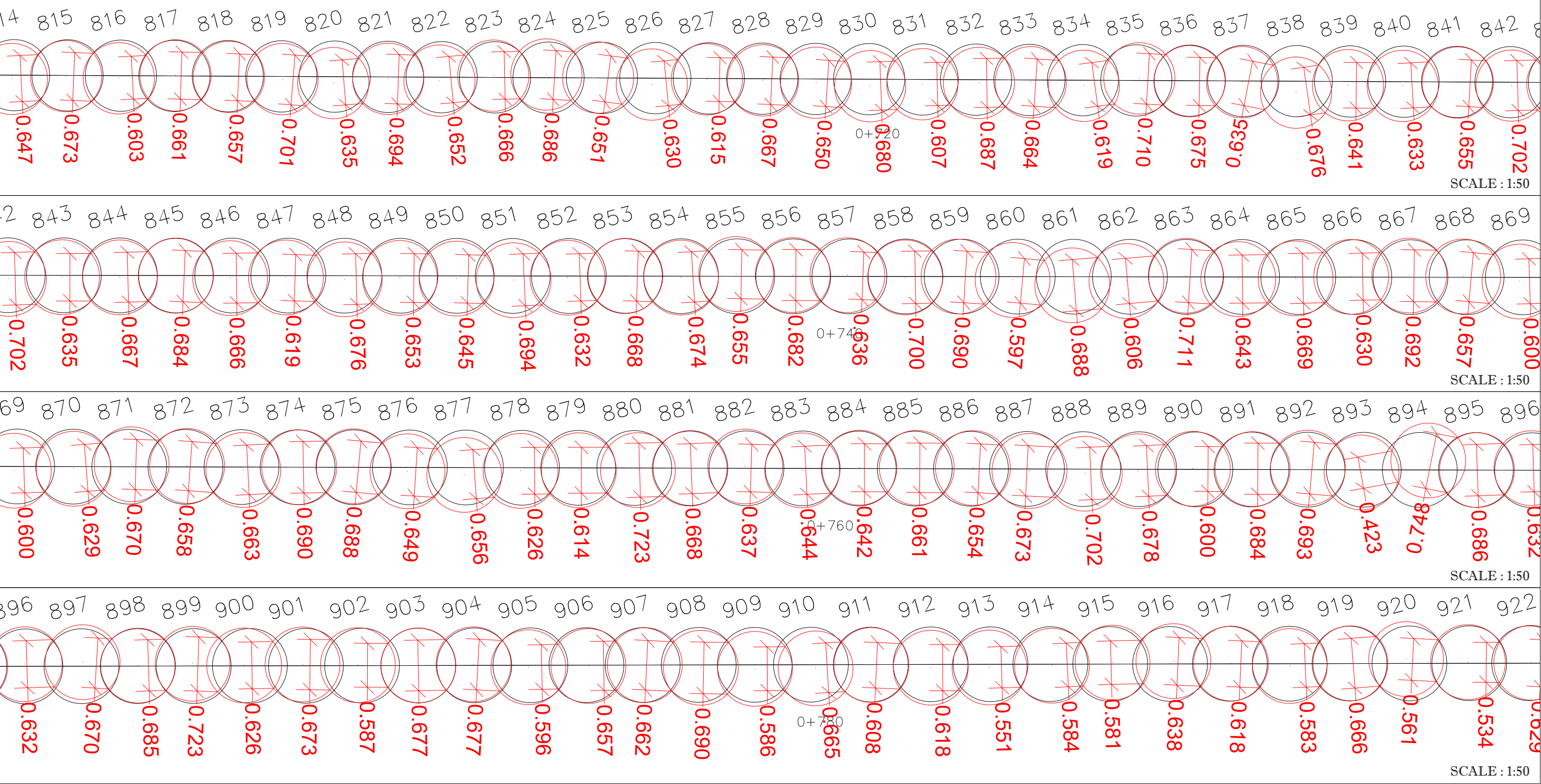


NOTE :
- THE CASINGS USED HAVE 1.0m EXTERNAL DIAMETER AND 0.9m INTERNAL DIAMETER. SO, THE PART LOCATED IN THE 0-20 (ABOVE THE BEDROCK), HAS 1.0M DIAMETER AND THAT IN THE BEDROCK AT 0.9M DIAMETER.

- LEGEND :
- TOP SECANT PILE (1.0m Ø)
 - BOTTOM SECANT PILE (0.9m Ø)
 - THEORETICAL SECANT PILE

PREPARED BY : MIKAËL LÉVESQUE
DATE : 05-06-2019
CON-FD-174-12

TOP SECANT PILES AS-BUILT (1.0m Ø)
WHALE TAIL CONSTRUCTION
CONTRACT # 11-811

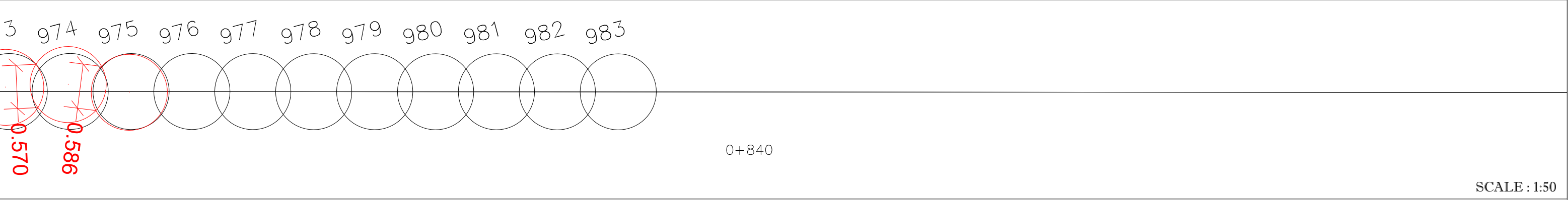
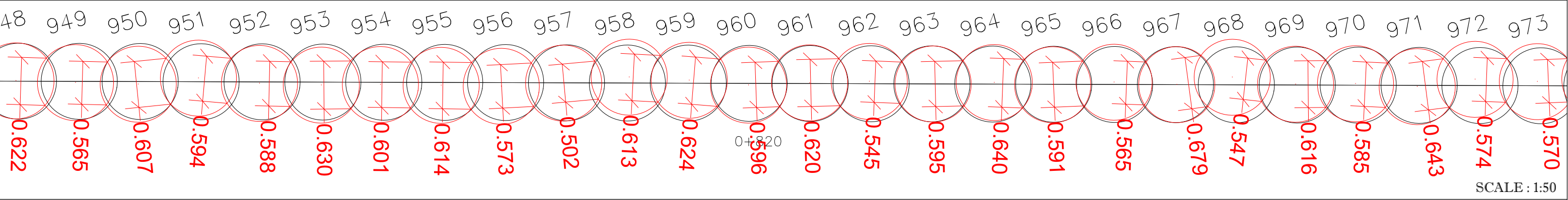
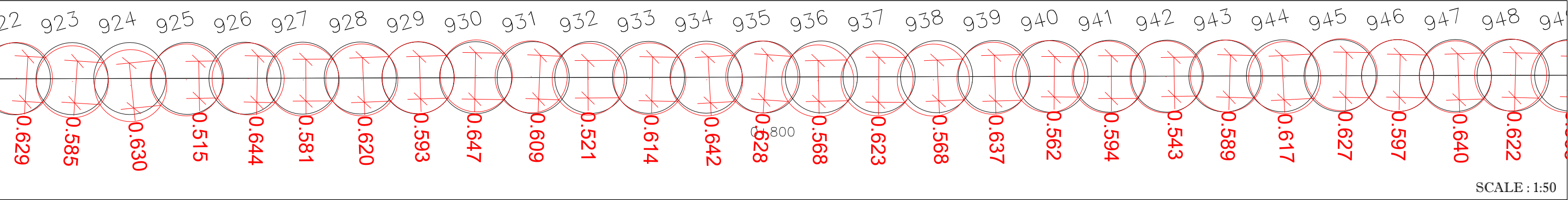


NOTE :
- THE CASINGS USED HAVE 1.0m EXTERNAL DIAMETER AND 0.9m INTERNAL DIAMETER. SO, THE PART LOCATED IN THE 0-20 (ABOVE THE BEDROCK), HAS 1.0M DIAMETER AND THAT IN THE BEDROCK AT 0.9M DIAMETER.

- LEGEND :**
- TOP SECANT PILE (1.0m Ø)
 - BOTTOM SECANT PILE (0.9m Ø)
 - THEORETICAL SECANT PILE

PREPARED BY : MIKAËL LÉVESQUE
DATE : 05-06-2019
CON-FD-174-13

TOP SECANT PILES AS-BUILT (1.0m Ø)
WHALE TAIL CONSTRUCTION
CONTRACT # 11-811

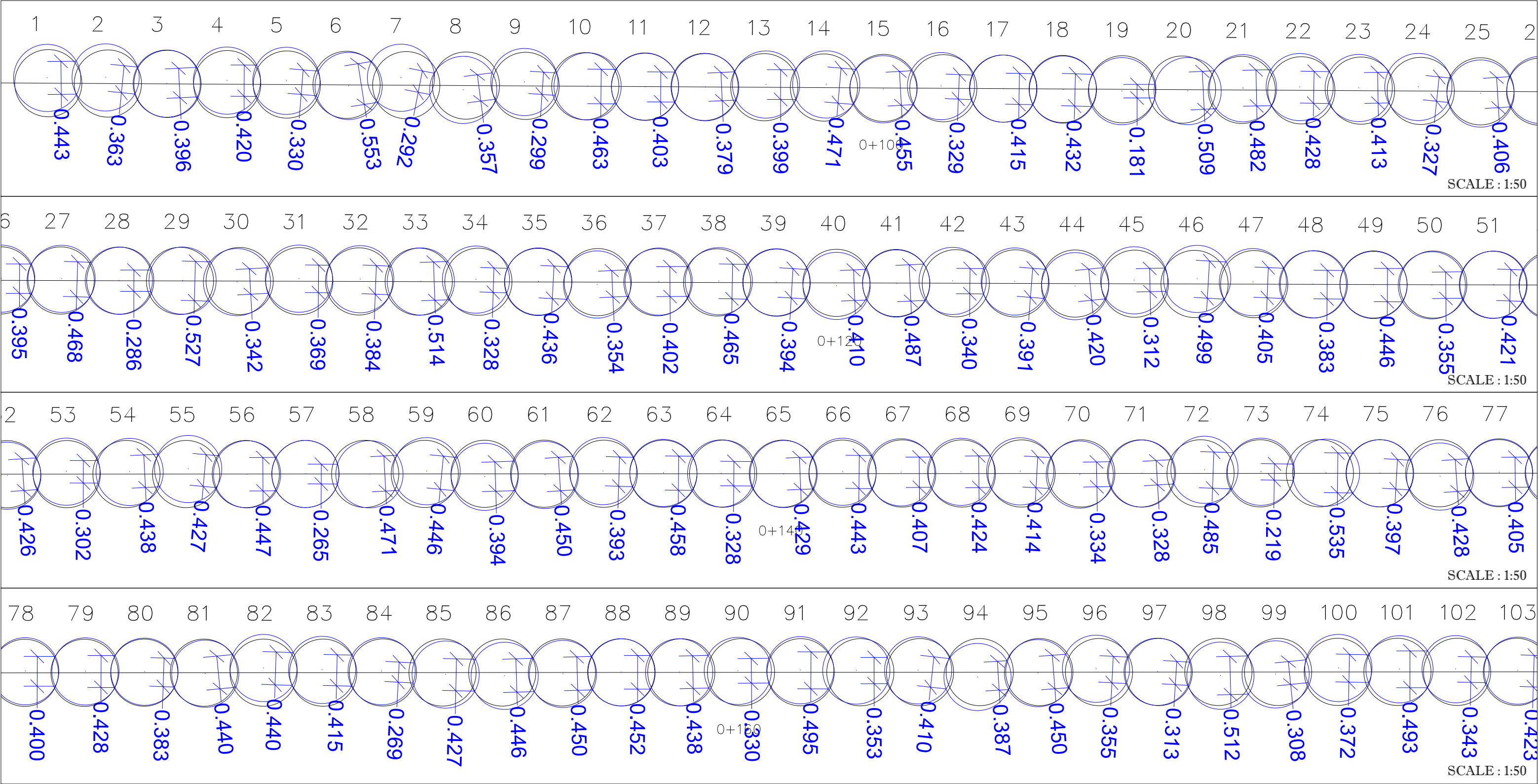


NOTE :
- THE CASINGS USED HAVE 1.0m EXTERNAL DIAMETER AND 0.9m INTERNAL DIAMETER. SO, THE PART LOCATED IN THE 0-20 (ABOVE THE BEDROCK), HAS 1.0M DIAMETER AND THAT IN THE BEDROCK AT 0.9M DIAMETER.

- LEGEND :**
- TOP SECANT PILE (1.0m Ø)
 - BOTTOM SECANT PILE (0.9m Ø)
 - THEORETICAL SECANT PILE

PREPARED BY : MIKAËL LÉVESQUE
DATE : 05-06-2019
CON-FD-174-14

BOTTOM ROCK SOCKET SECANT PILES AS-BUILT (0.9m Ø)
 WHALE TAIL CONSTRUCTION
 CONTRACT # 11-811

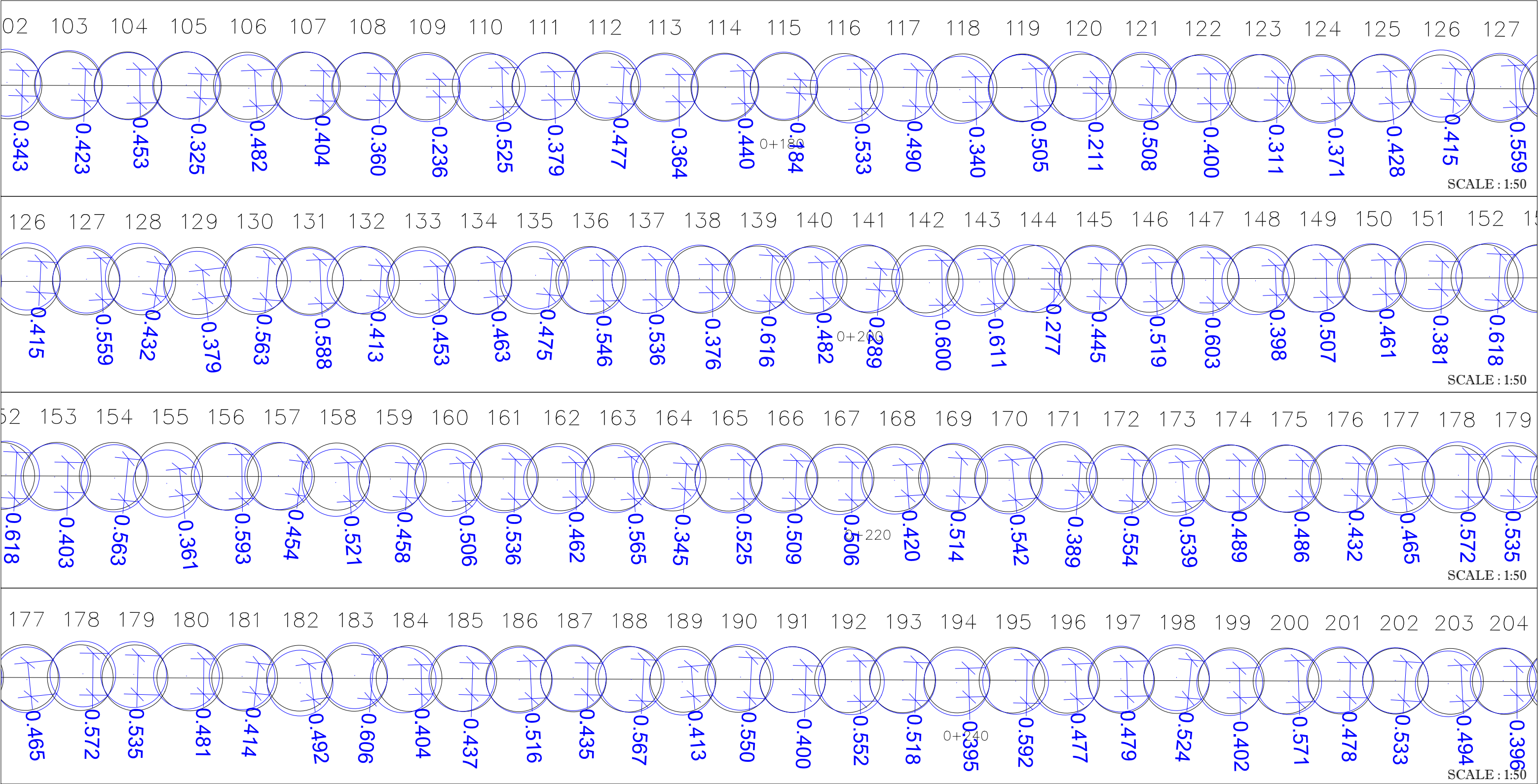


NOTE :
 - THE CASINGS USED HAVE 1.0m EXTERNAL DIAMETER AND 0.9m INTERNAL DIAMETER. SO, THE PART LOCATED IN THE 0-20 (ABOVE THE BEDROCK), HAS 1.0M DIAMETER AND THAT IN THE BEDROCK AT 0.9M DIAMETER.

- LEGEND :
 ○ TOP SECANT PILE (1.0m Ø)
 ○ BOTTOM SECANT PILE (0.9m Ø)
 ○ THEORETICAL SECANT PILE

PREPARED BY : MIKAËL LÉVESQUE
 DATE : 05-06-2019
 CON-FD-174-15

BOTTOM ROCK SOCKET SECANT PILES AS-BUILT (0.9m Ø)
 WHALE TAIL CONSTRUCTION
 CONTRACT # 11-811

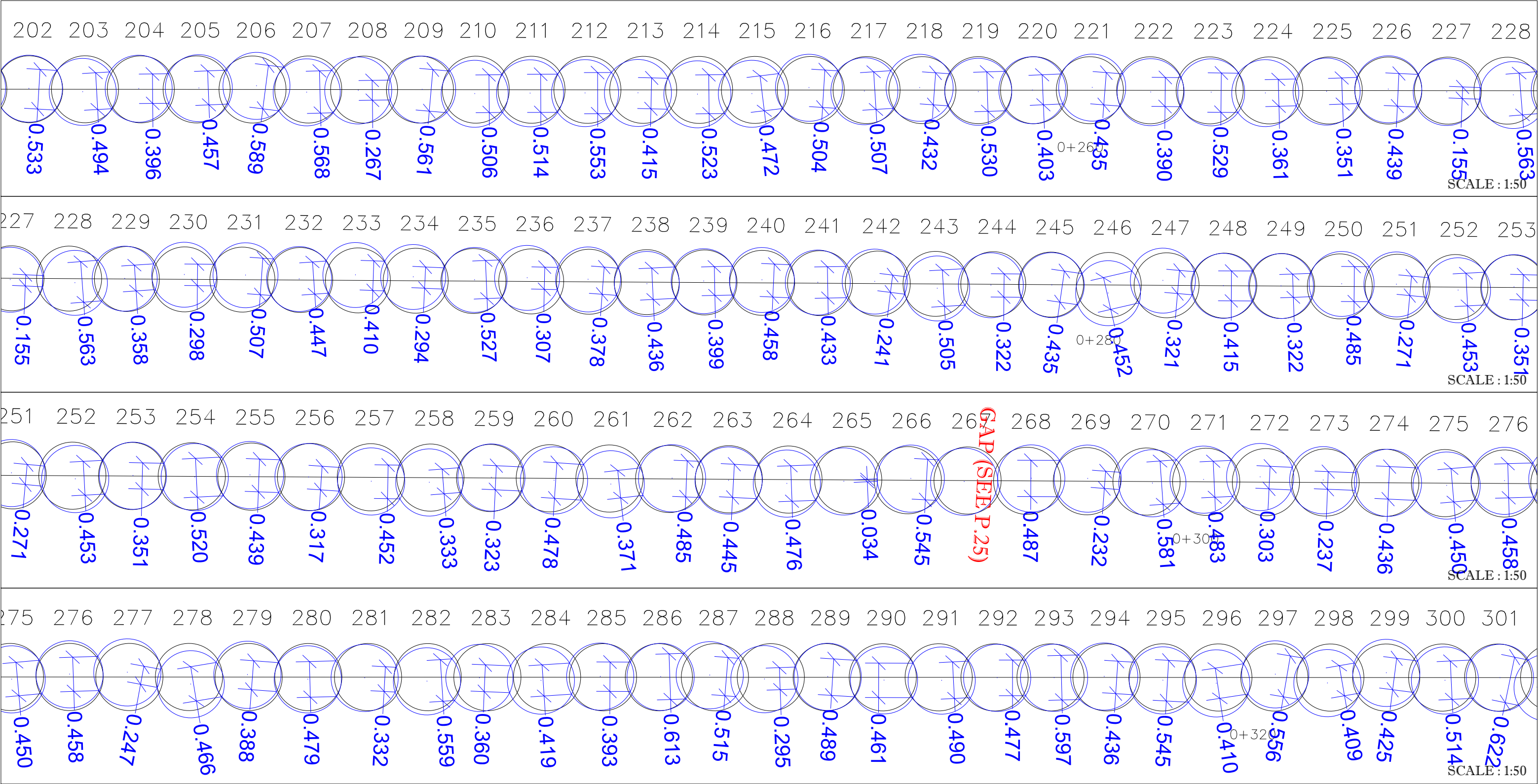


NOTE :
 - THE CASINGS USED HAVE 1.0m EXTERNAL DIAMETER AND 0.9m INTERNAL DIAMETER. SO, THE PART LOCATED IN THE 0-20 (ABOVE THE BEDROCK), HAS 1.0M DIAMETER AND THAT IN THE BEDROCK AT 0.9M DIAMETER.

- LEGEND :
 ○ TOP SECANT PILE (1.0m Ø)
 ○ BOTTOM SECANT PILE (0.9m Ø)
 ○ THEORETICAL SECANT PILE

PREPARED BY : MIKAËL LÉVESQUE
 DATE : 05-06-2019
 CON-FD-174-16

BOTTOM ROCK SOCKET SECANT PILES AS-BUILT (0.9m Ø)
 WHALE TAIL CONSTRUCTION
 CONTRACT # 11-811

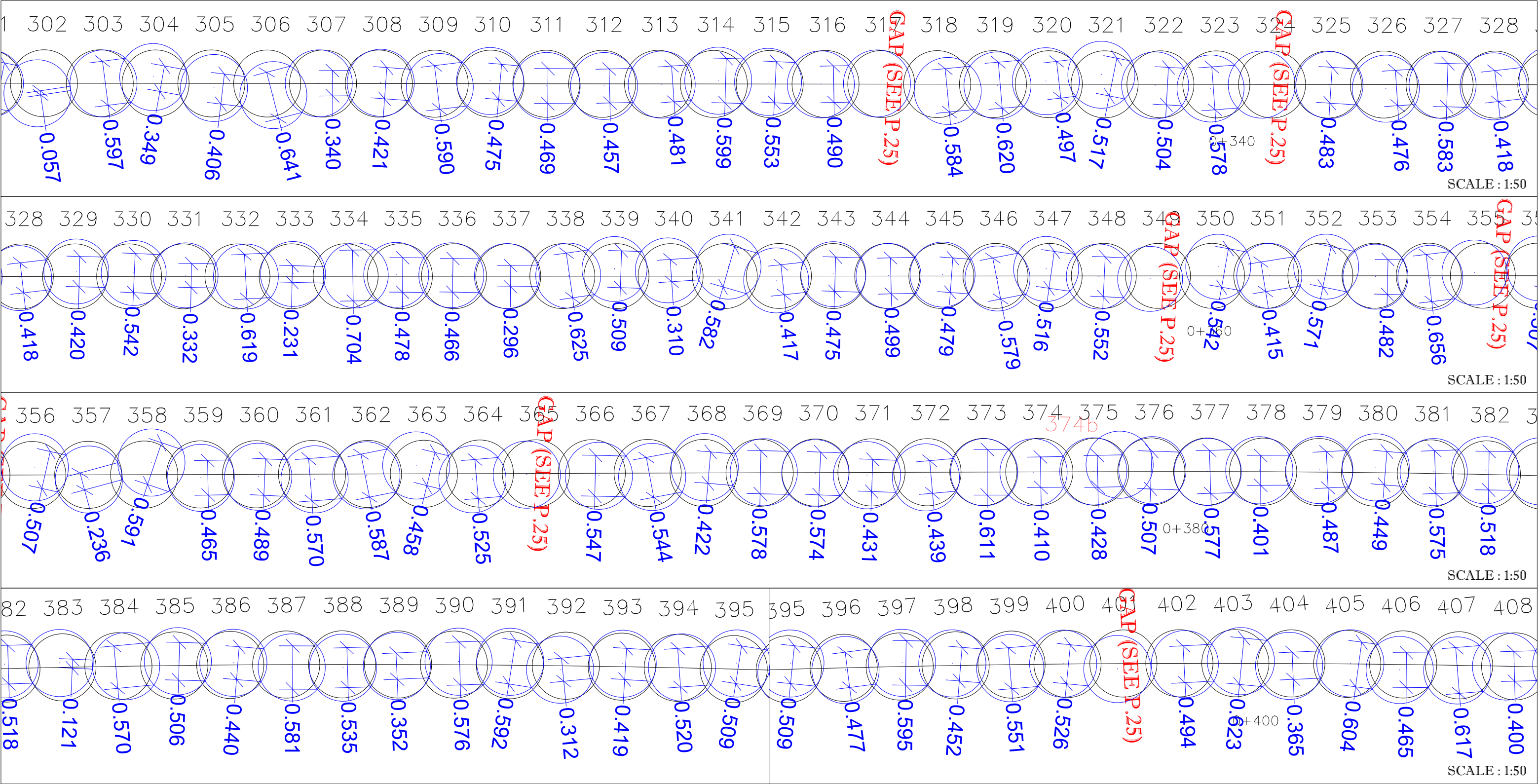


NOTE :
 - THE CASINGS USED HAVE 1.0m EXTERNAL DIAMETER AND 0.9m INTERNAL DIAMETER. SO, THE PART LOCATED IN THE 0-20 (ABOVE THE BEDROCK), HAS 1.0M DIAMETER AND THAT IN THE BEDROCK AT 0.9M DIAMETER.

- LEGEND :
 ○ TOP SECANT PILE (1.0m Ø)
 ○ BOTTOM SECANT PILE (0.9m Ø)
 ○ THEORETICAL SECANT PILE

PREPARED BY : MIKAËL LÉVESQUE
 DATE : 05-06-2019
 CON-FD-174-17

BOTTOM ROCK SOCKET SECANT PILES AS-BUILT (0.9m Ø)
 WHALE TAIL CONSTRUCTION
 CONTRACT # 11-811

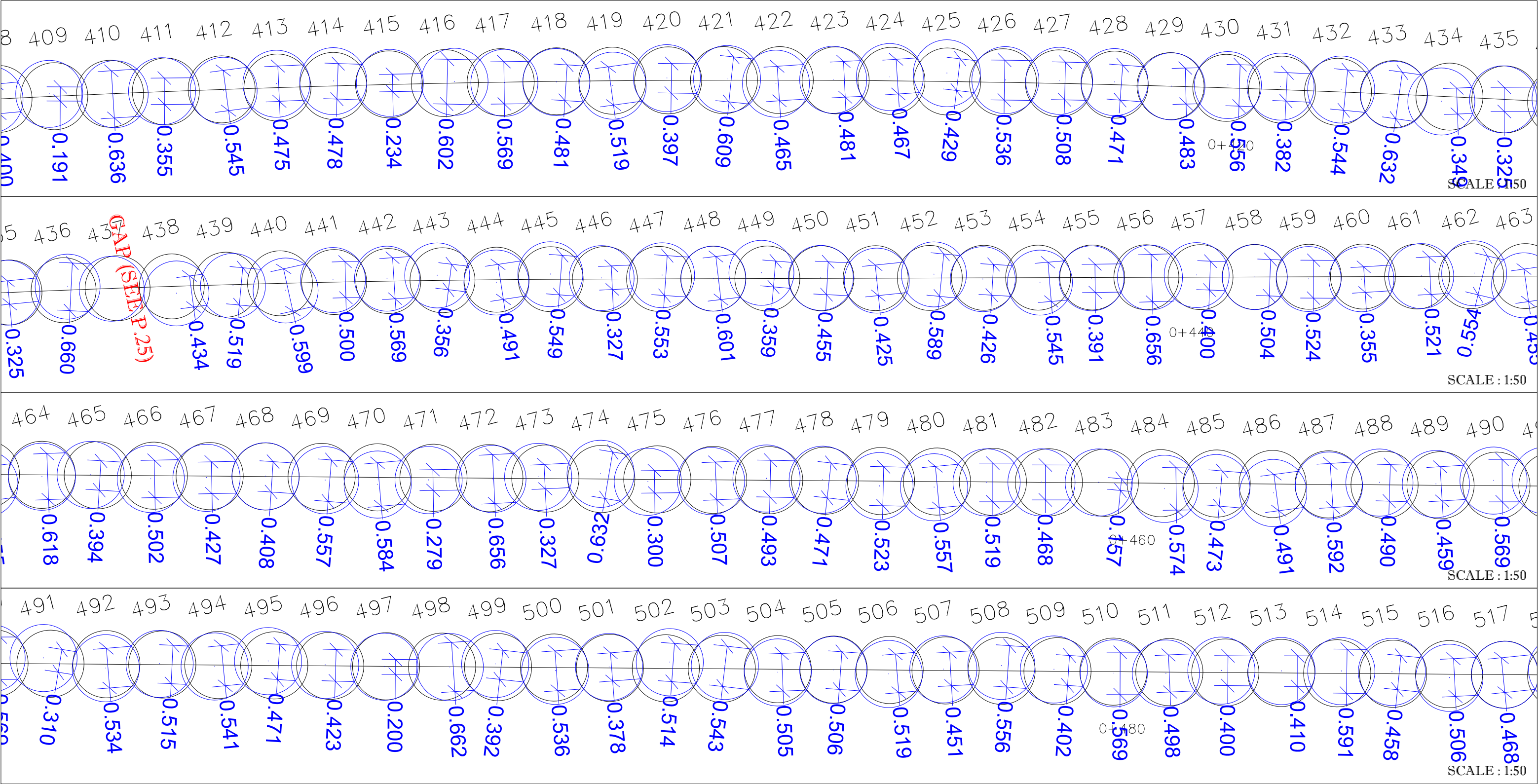


NOTE :
 - THE CASINGS USED HAVE 1.0m EXTERNAL DIAMETER AND 0.9m INTERNAL DIAMETER. SO, THE PART LOCATED IN THE 0-20 (ABOVE THE BEDROCK), HAS 1.0M DIAMETER AND THAT IN THE BEDROCK AT 0.9M DIAMETER.

LEGEND :
 ○ TOP SECANT PILE (1.0m Ø)
 ○ BOTTOM SECANT PILE (0.9m Ø)
 ○ THEORETICAL SECANT PILE

PREPARED BY : MIKAËL LÉVESQUE
 DATE : 05-06-2019
 CON-FD-174-18

BOTTOM ROCK SOCKET SECANT PILES AS-BUILT (0.9m Ø)
 WHALE TAIL CONSTRUCTION
 CONTRACT # 11-811

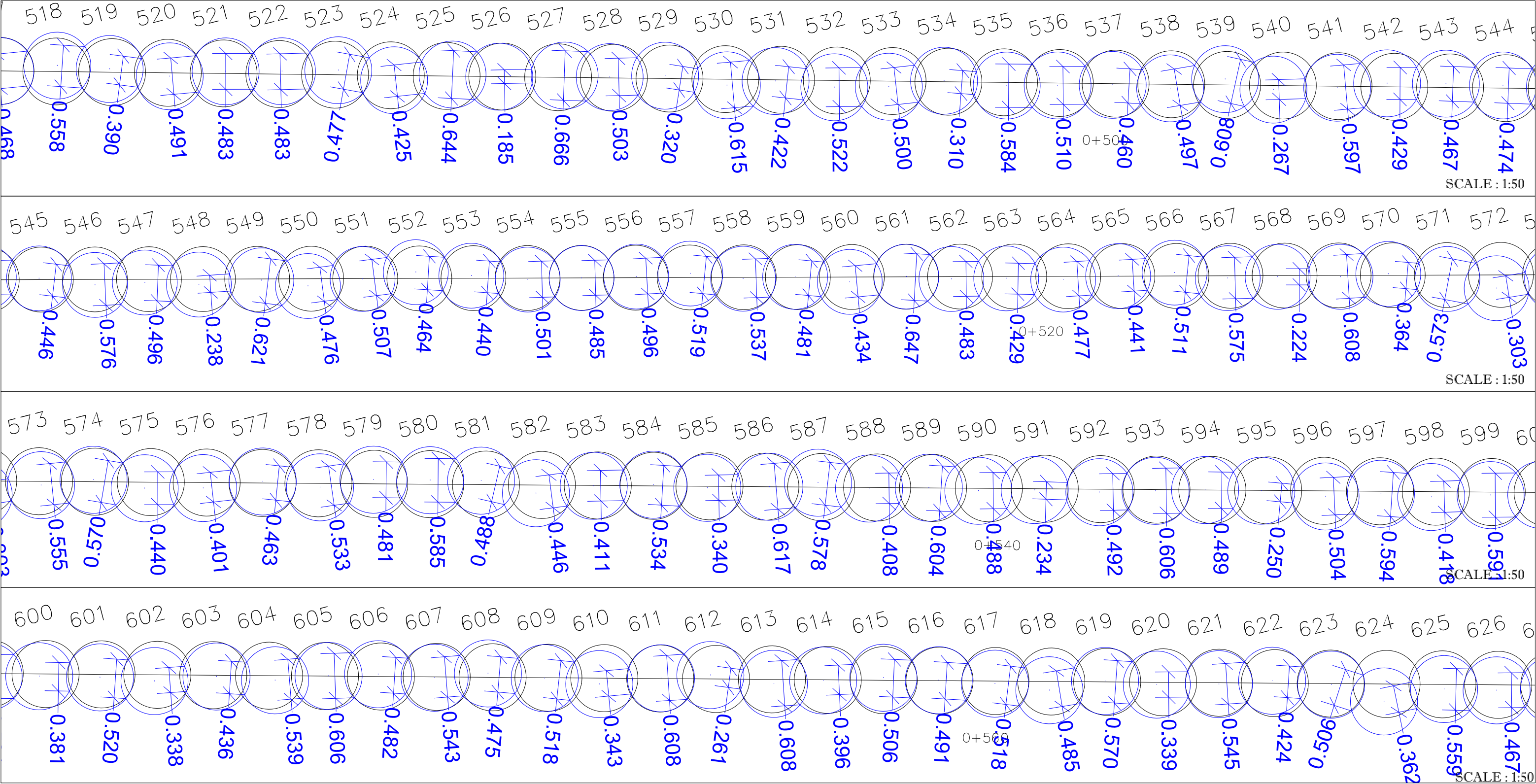


NOTE :
 - THE CASINGS USED HAVE 1.0m EXTERNAL DIAMETER AND 0.9m INTERNAL DIAMETER. SO, THE PART LOCATED IN THE 0-20 (ABOVE THE BEDROCK), HAS 1.0M DIAMETER AND THAT IN THE BEDROCK AT 0.9M DIAMETER.

- LEGEND :
 ○ TOP SECANT PILE (1.0m Ø)
 ○ BOTTOM SECANT PILE (0.9m Ø)
 ○ THEORETICAL SECANT PILE

PREPARED BY : MIKAËL LÉVESQUE
 DATE : 05-06-2019
 CON-FD-174-19

BOTTOM ROCK SOCKET SECANT PILES AS-BUILT (0.9m Ø)
 WHALE TAIL CONSTRUCTION
 CONTRACT # 11-811

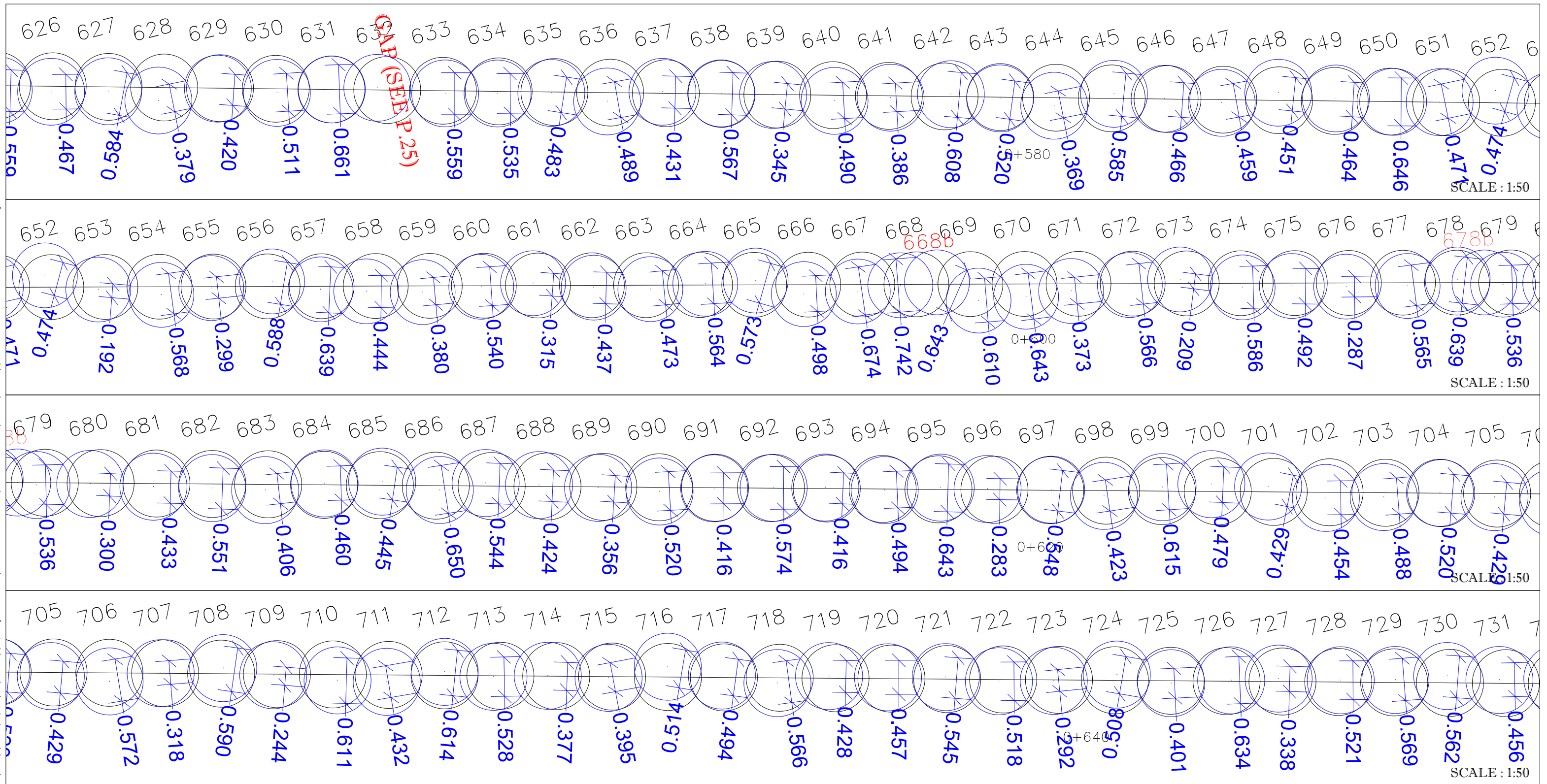


NOTE :
 - THE CASINGS USED HAVE 1.0m EXTERNAL DIAMETER AND 0.9m INTERNAL DIAMETER. SO, THE PART LOCATED IN THE 0-20 (ABOVE THE BEDROCK), HAS 1.0M DIAMETER AND THAT IN THE BEDROCK AT 0.9M DIAMETER.

- LEGEND :
 ○ TOP SECANT PILE (1.0m Ø)
 ○ BOTTOM SECANT PILE (0.9m Ø)
 ○ THEORETICAL SECANT PILE

PREPARED BY : MIKAËL LÉVESQUE
 DATE : 05-06-2019
 CON-FD-174-20

BOTTOM ROCK SOCKET SECANT PILES AS-BUILT (0.9m Ø)
 WHALE TAIL CONSTRUCTION
 CONTRACT # 11-811



NOTE :

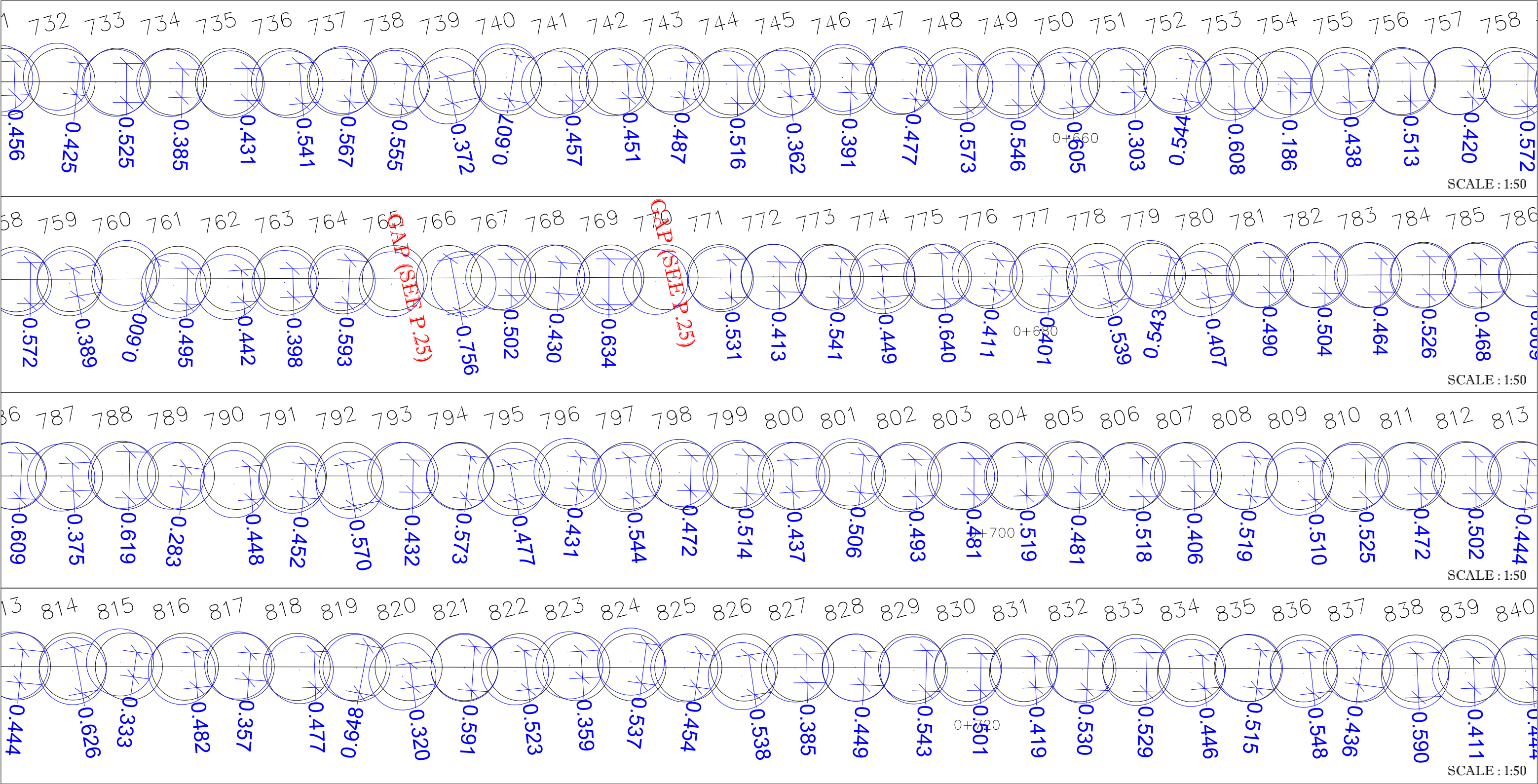
- THE CASINGS USED HAVE 1.0m EXTERNAL DIAMETER AND 0.9m INTERNAL DIAMETER. SO, THE PART LOCATED IN THE 0-20 (ABOVE THE BEDROCK), HAS 1.0M DIAMETER AND THAT IN THE BEDROCK AT 0.9M DIAMETER.

LEGEND :

- TOP SECANT PILE (1.0m Ø)
- BOTTOM SECANT PILE (0.9m Ø)
- THEORETICAL SECANT PILE

PREPARED BY : MIKAËL LÉVESQUE
DATE : 05-06-2019
CON-FD-174-21

BOTTOM ROCK SOCKET SECANT PILES AS-BUILT (0.9m Ø)
 WHALE TAIL CONSTRUCTION
 CONTRACT # 11-811

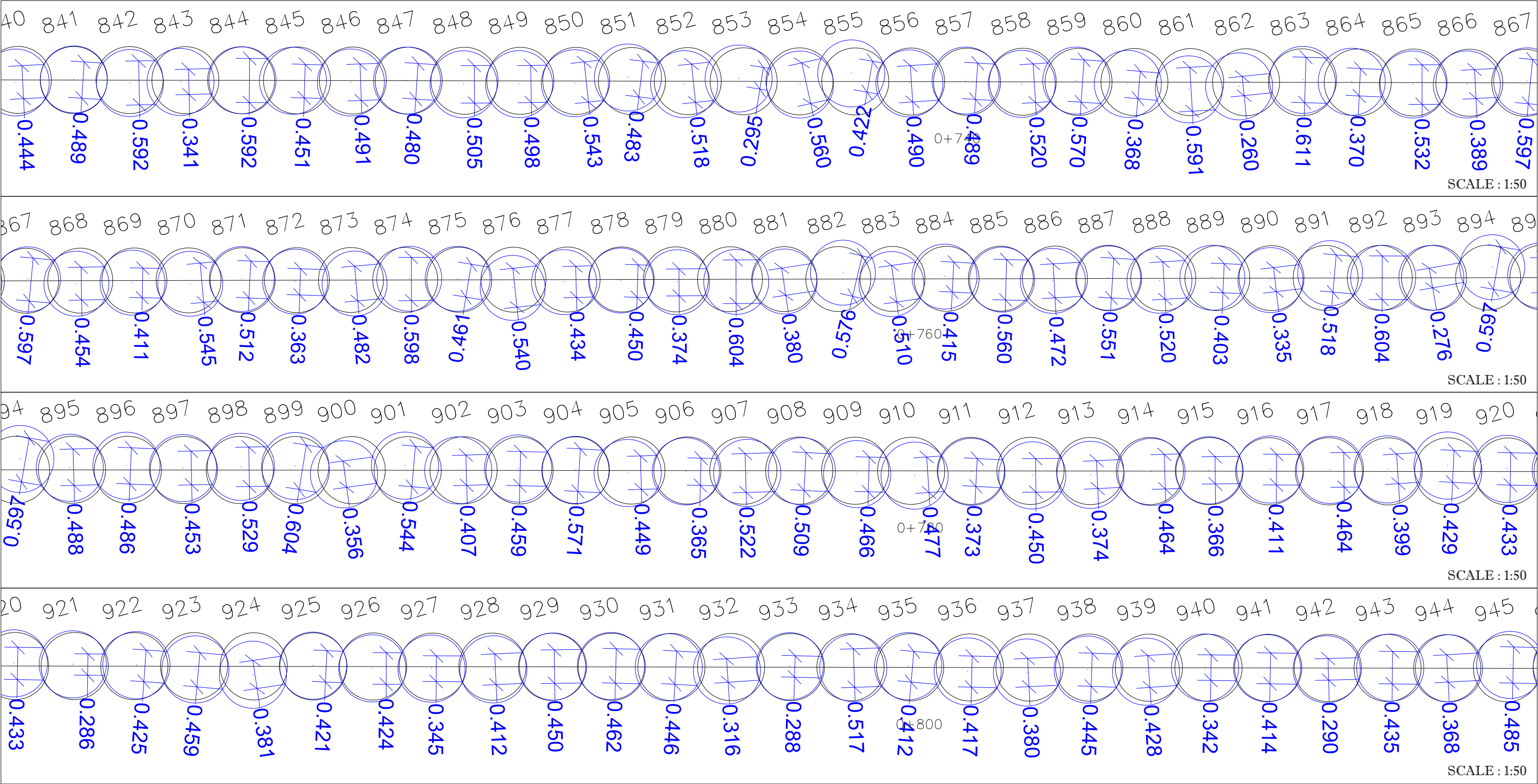


NOTE :
 - THE CASINGS USED HAVE 1.0m EXTERNAL DIAMETER AND 0.9m INTERNAL DIAMETER. SO, THE PART LOCATED IN THE 0-20 (ABOVE THE BEDROCK), HAS 1.0M DIAMETER AND THAT IN THE BEDROCK AT 0.9M DIAMETER.

- LEGEND :
 ○ TOP SECANT PILE (1.0m Ø)
 ○ BOTTOM SECANT PILE (0.9m Ø)
 ○ THEORETICAL SECANT PILE

PREPARED BY : MIKAËL LÉVESQUE
 DATE : 05-06-2019
 CON-FD-174-22

BOTTOM ROCK SOCKET SECANT PILES AS-BUILT (0.9m Ø)
 WHALE TAIL CONSTRUCTION
 CONTRACT # 11-811

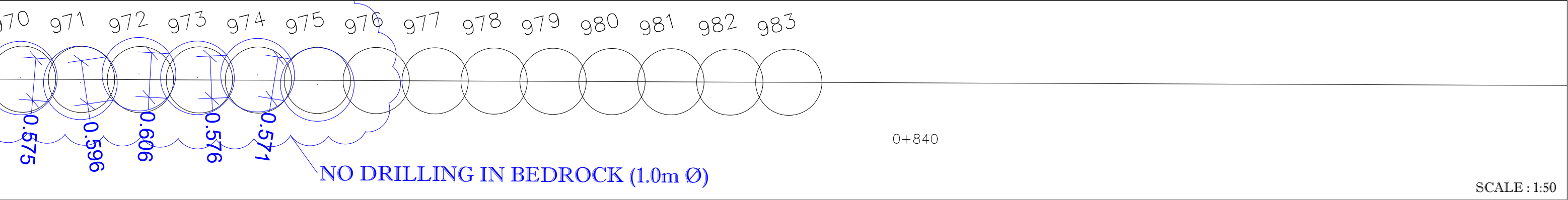
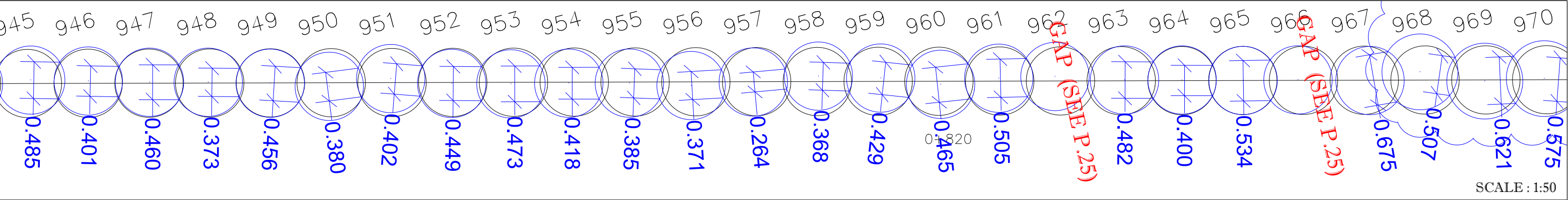


NOTE :
 - THE CASINGS USED HAVE 1.0m EXTERNAL DIAMETER AND 0.9m INTERNAL DIAMETER. SO, THE PART LOCATED IN THE 0-20 (ABOVE THE BEDROCK), HAS 1.0M DIAMETER AND THAT IN THE BEDROCK AT 0.9M DIAMETER.

- LEGEND :
 ○ TOP SECANT PILE (1.0m Ø)
 ○ BOTTOM SECANT PILE (0.9m Ø)
 ○ THEORETICAL SECANT PILE

PREPARED BY : MIKAËL LÉVESQUE
 DATE : 05-06-2019
 CON-FD-174-23

BOTTOM ROCK SOCKET SECANT PILES AS-BUILT (0.9m Ø)
WHALE TAIL CONSTRUCTION
CONTRACT # 11-811



NO DRILLING IN BEDROCK (1.0m Ø)

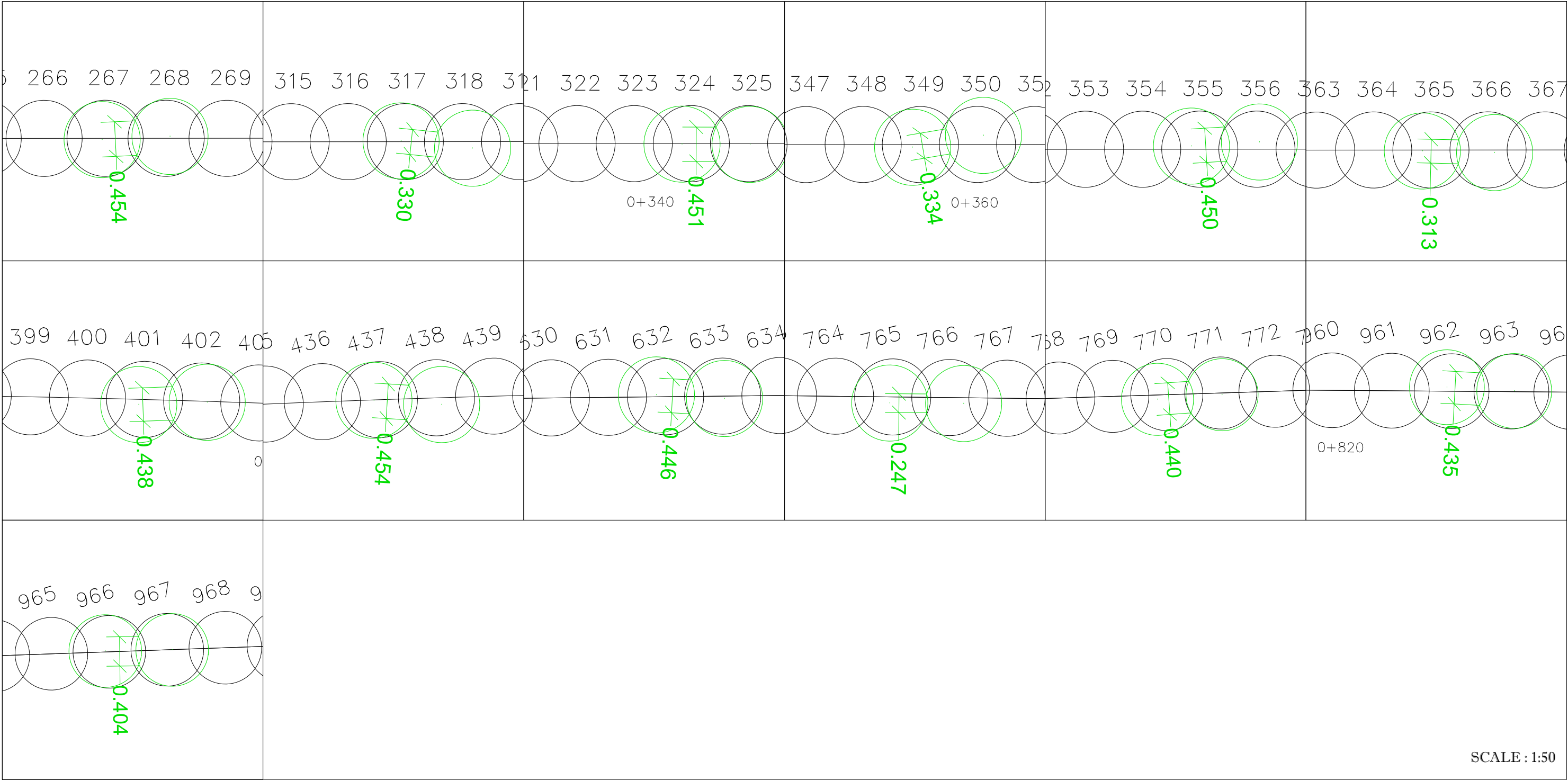


NOTE :
- THE CASINGS USED HAVE 1.0m EXTERNAL DIAMETER AND 0.9m INTERNAL DIAMETER. SO, THE PART LOCATED IN THE 0-20 (ABOVE THE BEDROCK), HAS 1.0M DIAMETER AND THAT IN THE BEDROCK AT 0.9M DIAMETER.

LEGEND :
○ TOP SECANT PILE (1.0m Ø)
○ BOTTOM SECANT PILE (0.9m Ø)
○ THEORETICAL SECANT PILE

PREPARED BY : MIKAËL LÉVESQUE
DATE : 05-06-2019
CON-FD-174-24

BEDROCK SECANT PILES AS-BUILT (1m Ø)
WHALE TAIL CONSTRUCTION
CONTRACT # 11-811



SCALE : 1:50



KIVALLIQ CONTRACTORS
GROUP LTD

NOTE :

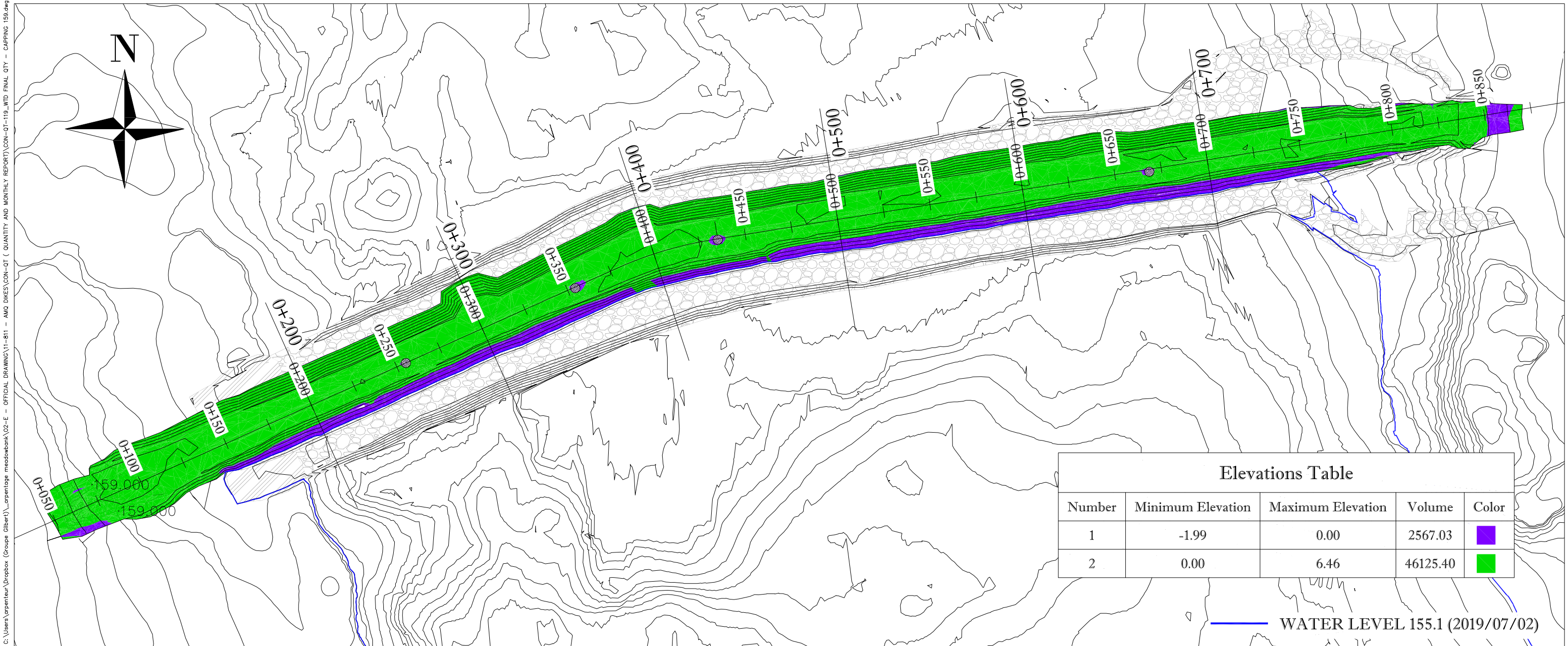
- THE CASINGS USED HAVE 1.0m EXTERNAL DIAMETER AND 0.9m INTERNAL DIAMETER. SO, THE PART LOCATED IN THE 0-20 (ABOVE THE BEDROCK), HAS 1.0M DIAMETER AND THAT IN THE BEDROCK AT 0.9M DIAMETER.

LEGEND :

- SECANT PILE AT BEDROCK ELEVATION (1.0m Ø)
- THEORETICAL SECANT PILE

PREPARED BY : MIKAËL LÉVESQUE
DATE : 05-06-2019
CON-FD-174-25

FINAL QUANTITIES - ROCKFILL CAPPING EL. 159.0
WHALE TAIL DIKE CONSTRUCTION
CONTRACT # 11-811

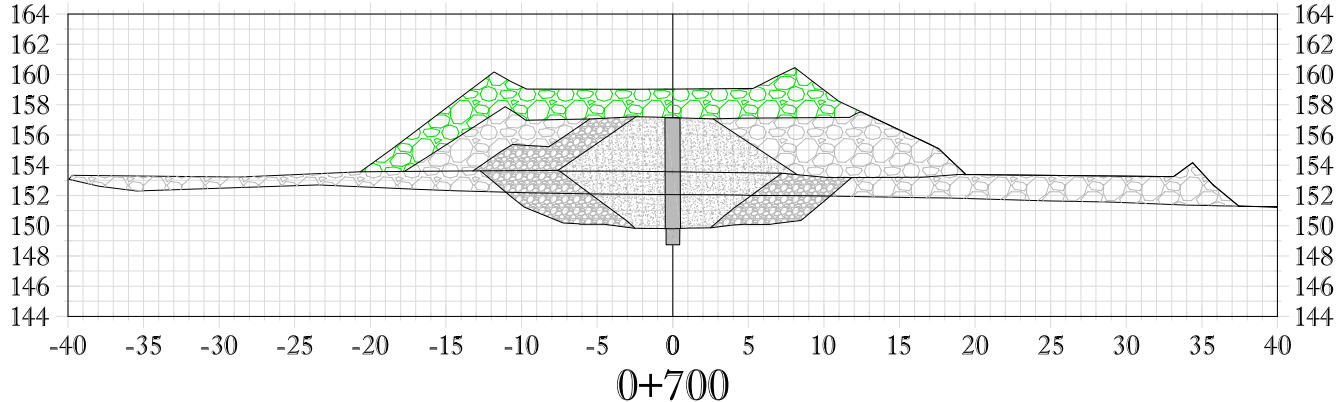
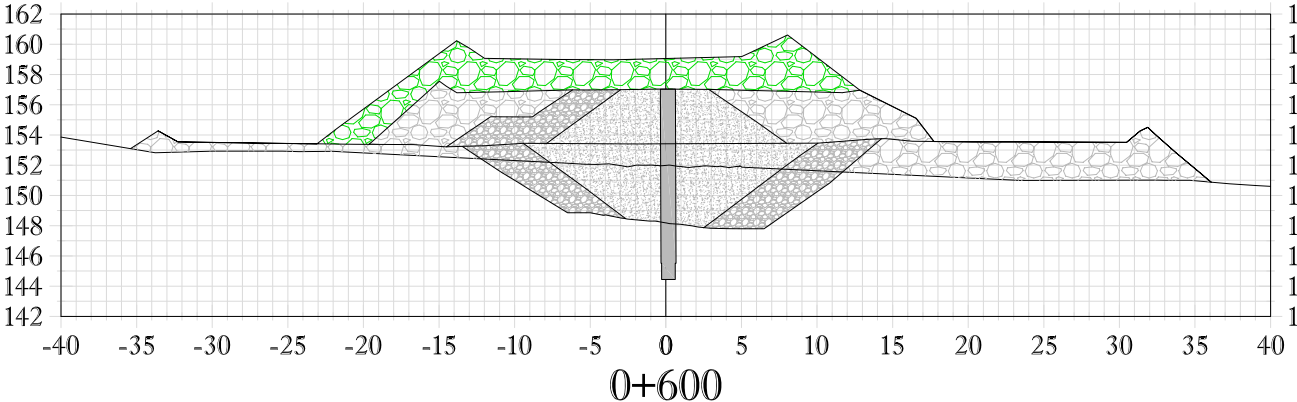
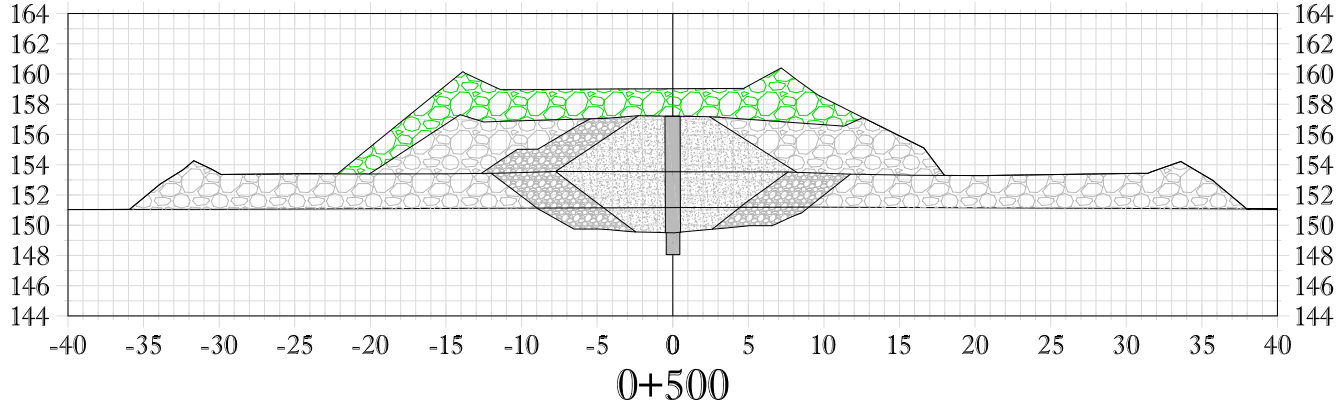
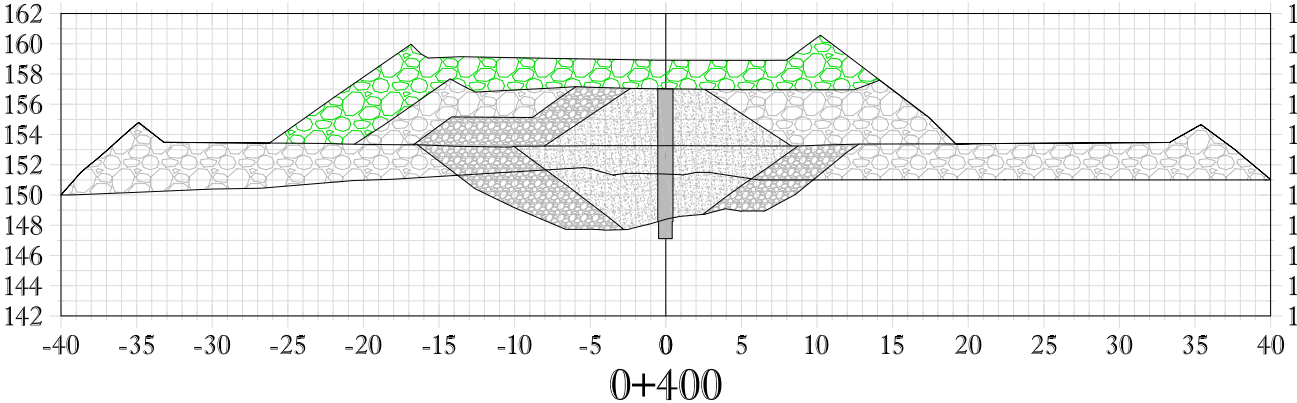
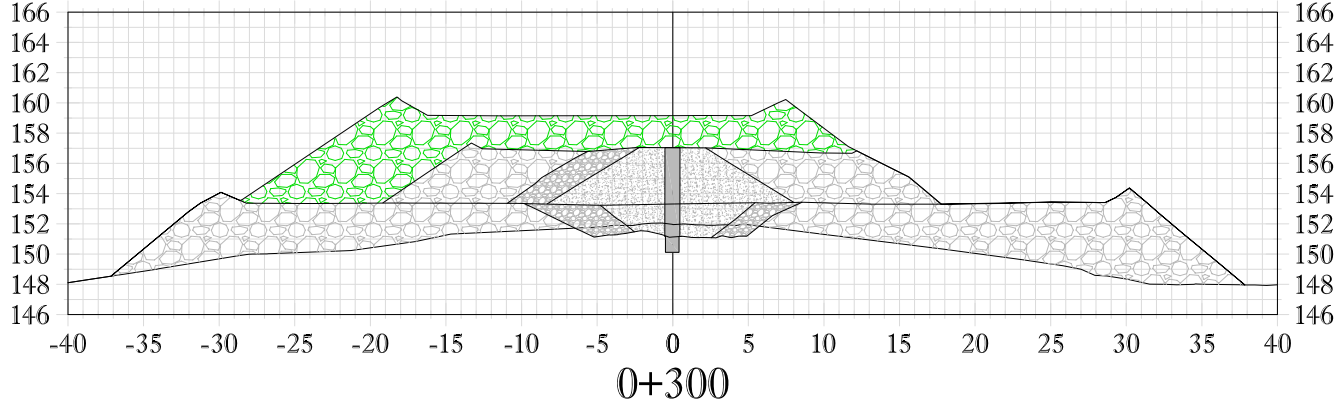
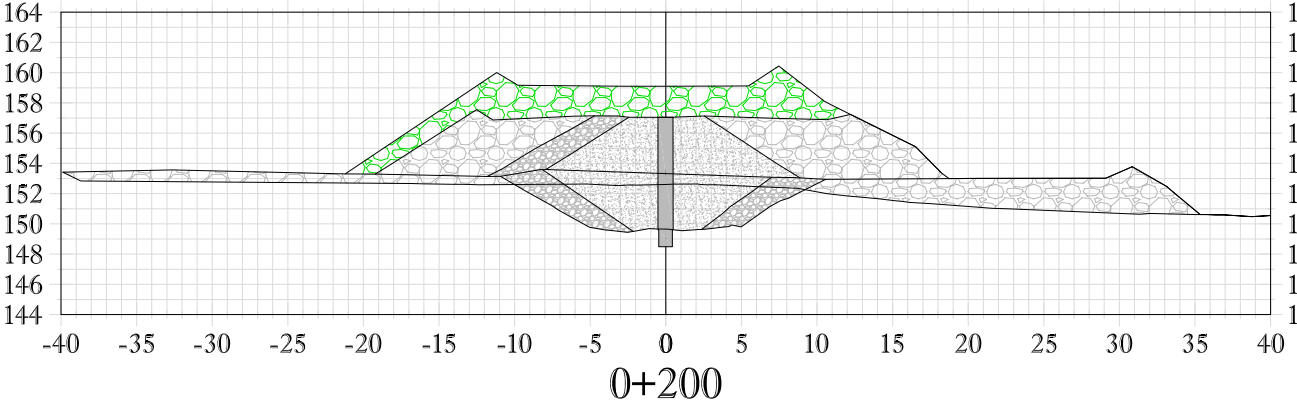


VOLUMETRY DETAIL

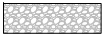
EXCAVATION : 2 567 m³

ROCKFILL : 43 557 m³

FINAL QUANTITIES - ROCKFILL CAPPING EL. 159.0
WHALE TAIL DIKE CONSTRUCTION
CONTRACT # 11-811



ROCKFILL 2018



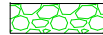
COARSE FILTER 2018



FINE FILTER 2018



SECANT PILE WALL



ROCKFILL 2019



KIVALLIQ CONTRACTORS
GROUP LTD

PREPARED BY : MIKAËL LÉVESQUE
DATE : 06-08-2019
CON-QT-119-2

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Appendix K-4

Final Secant Piles Register

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BEDROCK VALUES (ROCK SOCKET GAP)

	MUST BE COPIED WHEN THERE IS A GAP (SEE HIDDEN COLUMNS)
	BEDROCK ELEVATION MUST BE ENTERED BY HAND ACCORDING TO THE QUANTITY TABLE

FILE FOR AS-BUILT (CENTERS)

SCEACANT PILE #	SURVEY METHOD	POINT NUMBER	NORTH	EAST	ELEVATION	CODE	ΔX AS BUILT TOP - BOTTOM	ΔY AS BUILT TOP - BOTTOM	ΔXY AS BUILT TOP - BOTTOM	% AS BUILT DEVIATION
1	PARALLEL TO ALIGNMENT	1000	7254614.457	607072.046	160.126	TOP	-0.005	0.002	0.006	0.096
		1001	7254614.463	607072.043	157.000	157				
	PERPENDICULAR TO ALIGNMENT	1002	7254614.468	607072.041	154.166	BOTTOM				
2	PARALLEL TO ALIGNMENT	2000	7254614.797	607072.770	159.016	TOP	-0.001	0.012	0.012	0.224
		2001	7254614.798	607072.762	157.000	157				
	PERPENDICULAR TO ALIGNMENT	2002	7254614.799	607072.751	153.756	BOTTOM				
3	PARALLEL TO ALIGNMENT	3000	7254615.082	607073.544	160.136	TOP	0.009	0.006	0.011	0.176
		3001	7254615.072	607073.537	157.000	157				
	PERPENDICULAR TO ALIGNMENT	3002	7254615.063	607073.531	154.056	BOTTOM				
4	PARALLEL TO ALIGNMENT	4000	7254615.410	607074.229	158.384	TOP	-0.017	-0.014	0.022	0.476
		4001	7254615.417	607074.235	157.000	157				
	PERPENDICULAR TO ALIGNMENT	4002	7254615.434	607074.249	153.704	BOTTOM				
5	PARALLEL TO ALIGNMENT	5000	7254615.745	607074.983	159.482	TOP	-0.010	0.004	0.010	0.176
		5001	7254615.752	607074.979	157.000	157				

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	PERPENDICULAR TO ALIGNMENT	5002	7254615.761	607074.975	153.522	BOTTOM				
6	PARALLEL TO ALIGNMENT	6000	7254616.047	607075.755	159.165	TOP	0.002	-0.005	0.005	0.090
	PERPENDICULAR TO ALIGNMENT	6002	7254616.044	607075.763	153.305	BOTTOM				
7	PARALLEL TO ALIGNMENT	7000	7254616.406	607076.469	159.180	TOP	-0.019	0.072	0.075	1.237
	PERPENDICULAR TO ALIGNMENT	7002	7254616.435	607076.356	153.140	BOTTOM				
8	PARALLEL TO ALIGNMENT	8000	7254616.653	607077.182	159.430	TOP	0.012	-0.001	0.012	0.191
	PERPENDICULAR TO ALIGNMENT	8002	7254616.633	607077.184	153.350	BOTTOM				
9	PARALLEL TO ALIGNMENT	9000	7254617.067	607077.893	158.210	TOP	-0.002	0.005	0.005	0.108
	PERPENDICULAR TO ALIGNMENT	9002	7254617.069	607077.886	153.290	BOTTOM				
10	PARALLEL TO ALIGNMENT	10000	7254617.377	607078.657	157.729	TOP	0.008	-0.021	0.022	0.480
	PERPENDICULAR TO ALIGNMENT	10002	7254617.367	607078.681	153.079	BOTTOM				
11	PARALLEL TO ALIGNMENT	11000	7254617.669	607079.373	158.591	TOP	-0.008	-0.009	0.012	0.223
	PERPENDICULAR TO ALIGNMENT	11002	7254617.681	607079.386	153.221	BOTTOM				
12	PARALLEL TO ALIGNMENT	12000	7254618.000	607080.100	158.753	TOP	-0.007	-0.015	0.016	0.282
	PERPENDICULAR TO ALIGNMENT	12002	7254618.009	607080.121	152.923	BOTTOM				
13	PARALLEL TO ALIGNMENT	13000	7254618.359	607080.837	157.755	TOP	-0.019	-0.010	0.021	0.432
	PERPENDICULAR TO ALIGNMENT	13002	7254618.380	607080.848	152.905	BOTTOM				
14	PARALLEL TO ALIGNMENT	14000	7254618.703	607081.600	158.254	TOP	-0.009	0.014	0.017	0.285
	PERPENDICULAR TO ALIGNMENT	14002	7254618.715	607081.582	152.434	BOTTOM				
15	PARALLEL TO ALIGNMENT	15000	7254618.992	607082.320	158.315	TOP	0.015	0.012	0.019	0.344
	PERPENDICULAR TO ALIGNMENT	15002	7254618.973	607082.304	152.705	BOTTOM				
16	PARALLEL TO ALIGNMENT	16000	7254619.319	607083.018	158.563	TOP	-0.010	0.019	0.022	0.370
	PERPENDICULAR TO ALIGNMENT	16002	7254619.333	607082.992	152.693	BOTTOM				
17	PARALLEL TO ALIGNMENT	17000	7254619.631	607083.765	157.827	TOP	-0.015	-0.003	0.015	0.302
	PERPENDICULAR TO ALIGNMENT	17002	7254619.649	607083.768	152.837	BOTTOM				
18	PARALLEL TO ALIGNMENT	18000	7254619.970	607084.519	158.739	TOP	0.001	0.013	0.013	0.225
	PERPENDICULAR TO ALIGNMENT	18002	7254619.968	607084.500	152.789	BOTTOM				
19	PARALLEL TO ALIGNMENT	19000	7254620.286	607085.235	158.967	TOP	0.007	0.006	0.009	0.150
	PERPENDICULAR TO ALIGNMENT	19002	7254620.276	607085.227	153.067	BOTTOM				
20	PARALLEL TO ALIGNMENT	20000	7254620.632	607086.007	158.651	TOP	-0.007	-0.016	0.017	0.291
	PERPENDICULAR TO ALIGNMENT	20002	7254620.642	607086.029	152.751	BOTTOM				
21	PARALLEL TO ALIGNMENT	21000	7254620.984	607086.688	157.737	TOP	0.000	0.000	0.000	0.000
	PERPENDICULAR TO ALIGNMENT	21002	7254620.984	607086.688	152.377	BOTTOM				
22	PARALLEL TO ALIGNMENT	22000	7254621.327	607087.391	157.870	TOP	0.012	0.015	0.019	0.350
	PERPENDICULAR TO ALIGNMENT	22002	7254621.313	607087.373	152.340	BOTTOM				
23	PARALLEL TO ALIGNMENT	23000	7254621.610	607088.101	158.576	TOP	-0.014	0.001	0.014	0.234

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	PERPENDICULAR TO ALIGNMENT	23002	7254621.629	607088.099	152.586	BOTTOM				
24	PARALLEL TO ALIGNMENT	24000	7254621.960	607088.854	158.711	TOP	-0.009	0.024	0.025	0.411
	PERPENDICULAR TO ALIGNMENT	24002	7254621.973	607088.821	152.531	BOTTOM				
25	PARALLEL TO ALIGNMENT	25000	7254622.244	607089.627	157.844	TOP	0.004	0.009	0.010	0.172
	PERPENDICULAR TO ALIGNMENT	25002	7254622.239	607089.616	152.024	BOTTOM				
26	PARALLEL TO ALIGNMENT	26000	7254622.586	607090.359	158.280	TOP	-0.023	0.025	0.034	0.593
	PERPENDICULAR TO ALIGNMENT	26002	7254622.615	607090.326	152.580	BOTTOM				
27	PARALLEL TO ALIGNMENT	27000	7254622.941	607091.067	158.565	TOP	-0.004	0.002	0.004	0.074
	PERPENDICULAR TO ALIGNMENT	27002	7254622.946	607091.064	152.635	BOTTOM				
28	PARALLEL TO ALIGNMENT	28000	7254623.254	607091.762	158.388	TOP	0.011	-0.010	0.014	0.243
	PERPENDICULAR TO ALIGNMENT	28002	7254623.240	607091.774	152.468	BOTTOM				
29	PARALLEL TO ALIGNMENT	29000	7254623.586	607092.539	158.434	TOP	-0.004	-0.010	0.011	0.158
	PERPENDICULAR TO ALIGNMENT	29002	7254623.591	607092.552	151.564	BOTTOM				
30	PARALLEL TO ALIGNMENT	30000	7254623.889	607093.246	158.175	TOP	0.013	0.016	0.021	0.336
	PERPENDICULAR TO ALIGNMENT	30002	7254623.873	607093.225	152.055	BOTTOM				
31	PARALLEL TO ALIGNMENT	31000	7254624.230	607093.988	158.029	TOP	-0.023	0.021	0.031	0.528
	PERPENDICULAR TO ALIGNMENT	31002	7254624.258	607093.963	152.079	BOTTOM				
32	PARALLEL TO ALIGNMENT	32000	7254624.610	607094.718	158.127	TOP	0.018	0.003	0.018	0.295
	PERPENDICULAR TO ALIGNMENT	32002	7254624.589	607094.714	152.077	BOTTOM				
33	PARALLEL TO ALIGNMENT	33000	7254624.893	607095.462	158.070	TOP	-0.002	-0.005	0.006	0.085
	PERPENDICULAR TO ALIGNMENT	33002	7254624.896	607095.468	151.350	BOTTOM				
34	PARALLEL TO ALIGNMENT	34000	7254625.222	607096.175	158.565	TOP	-0.002	0.034	0.034	0.513
	PERPENDICULAR TO ALIGNMENT	34002	7254625.224	607096.130	151.925	BOTTOM				
35	PARALLEL TO ALIGNMENT	35000	7254625.543	607096.899	157.834	TOP	-0.002	-0.004	0.005	0.086
	PERPENDICULAR TO ALIGNMENT	35002	7254625.545	607096.904	152.124	BOTTOM				
36	PARALLEL TO ALIGNMENT	36000	7254625.869	607097.628	157.905	TOP	0.031	-0.008	0.032	0.522
	PERPENDICULAR TO ALIGNMENT	36002	7254625.833	607097.637	151.785	BOTTOM				
37	PARALLEL TO ALIGNMENT	37000	7254626.226	607098.345	157.814	TOP	0.014	-0.025	0.029	0.442
	PERPENDICULAR TO ALIGNMENT	37002	7254626.209	607098.374	151.244	BOTTOM				
38	PARALLEL TO ALIGNMENT	38000	7254626.506	607099.091	157.727	TOP	-0.034	-0.013	0.036	0.626
	PERPENDICULAR TO ALIGNMENT	38002	7254626.545	607099.106	151.897	BOTTOM				
39	PARALLEL TO ALIGNMENT	39000	7254626.846	607099.808	157.846	TOP	-0.002	-0.005	0.006	0.088
	PERPENDICULAR TO ALIGNMENT	39002	7254626.849	607099.814	151.126	BOTTOM				
40	PARALLEL TO ALIGNMENT	40000	7254627.141	607100.562	157.679	TOP	0.003	-0.007	0.007	0.126
	PERPENDICULAR TO ALIGNMENT	40002	7254627.138	607100.570	151.849	BOTTOM				
41	PARALLEL TO ALIGNMENT	41000	7254627.507	607101.275	157.724	TOP	0.008	-0.010	0.013	0.198

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	PERPENDICULAR TO ALIGNMENT	41002	7254627.497	607101.286	151.184	BOTTOM				
42	PARALLEL TO ALIGNMENT	42000	7254627.827	607101.981	158.018	TOP	-0.011	0.017	0.020	0.305
	PERPENDICULAR TO ALIGNMENT	42002	7254627.839	607101.961	151.588	BOTTOM				
43	PARALLEL TO ALIGNMENT	43000	7254628.184	607102.726	157.657	TOP	0.007	0.003	0.007	0.126
	PERPENDICULAR TO ALIGNMENT	43002	7254628.176	607102.723	151.807	BOTTOM				
44	PARALLEL TO ALIGNMENT	44000	7254628.482	607103.466	157.528	TOP	0.027	-0.018	0.033	0.555
	PERPENDICULAR TO ALIGNMENT	44002	7254628.452	607103.485	151.638	BOTTOM				
45	PARALLEL TO ALIGNMENT	45000	7254628.829	607104.184	158.575	TOP	-0.016	0.007	0.017	0.236
	PERPENDICULAR TO ALIGNMENT	45002	7254628.849	607104.175	151.345	BOTTOM				
46	PARALLEL TO ALIGNMENT	46000	7254629.181	607104.942	158.958	TOP	-0.025	0.004	0.025	0.316
	PERPENDICULAR TO ALIGNMENT	46002	7254629.214	607104.936	150.898	BOTTOM				
47	PARALLEL TO ALIGNMENT	47000	7254629.464	607105.644	158.044	TOP	-0.016	0.007	0.018	0.257
	PERPENDICULAR TO ALIGNMENT	47002	7254629.483	607105.635	151.034	BOTTOM				
48	PARALLEL TO ALIGNMENT	48000	7254629.788	607106.406	159.206	TOP	0.002	0.019	0.019	0.232
	PERPENDICULAR TO ALIGNMENT	48002	7254629.785	607106.380	150.976	BOTTOM				
49	PARALLEL TO ALIGNMENT	49000	7254630.104	607107.121	158.323	TOP	-0.008	-0.003	0.008	0.116
	PERPENDICULAR TO ALIGNMENT	49002	7254630.114	607107.125	151.323	BOTTOM				
50	PARALLEL TO ALIGNMENT	50000	7254630.425	607107.857	158.086	TOP	-0.006	0.015	0.017	0.239
	PERPENDICULAR TO ALIGNMENT	50002	7254630.432	607107.839	151.146	BOTTOM				
51	PARALLEL TO ALIGNMENT	51000	7254630.742	607108.575	158.790	TOP	-0.030	-0.011	0.032	0.431
	PERPENDICULAR TO ALIGNMENT	51002	7254630.781	607108.589	151.420	BOTTOM				
52	PARALLEL TO ALIGNMENT	52000	7254631.103	607109.331	157.964	TOP	0.015	0.006	0.016	0.242
	PERPENDICULAR TO ALIGNMENT	52002	7254631.085	607109.324	151.364	BOTTOM				
53	PARALLEL TO ALIGNMENT	53000	7254631.421	607110.032	158.165	TOP	-0.030	0.006	0.030	0.430
	PERPENDICULAR TO ALIGNMENT	53002	7254631.457	607110.024	151.105	BOTTOM				
54	PARALLEL TO ALIGNMENT	54000	7254631.798	607110.775	158.710	TOP	-0.002	-0.019	0.019	0.249
	PERPENDICULAR TO ALIGNMENT	54002	7254631.801	607110.799	150.940	BOTTOM				
55	PARALLEL TO ALIGNMENT	55000	7254632.105	607111.498	158.452	TOP	-0.042	-0.002	0.042	0.550
	PERPENDICULAR TO ALIGNMENT	55002	7254632.157	607111.500	150.782	BOTTOM				
56	PARALLEL TO ALIGNMENT	56000	7254632.399	607112.211	157.674	TOP	-0.015	-0.035	0.038	0.545
	PERPENDICULAR TO ALIGNMENT	56002	7254632.415	607112.249	150.774	BOTTOM				
57	PARALLEL TO ALIGNMENT	57000	7254632.744	607112.957	157.779	TOP	0.006	-0.003	0.006	0.090
	PERPENDICULAR TO ALIGNMENT	57002	7254632.738	607112.960	150.829	BOTTOM				
58	PARALLEL TO ALIGNMENT	58000	7254633.087	607113.711	158.701	TOP	0.002	-0.028	0.028	0.353
	PERPENDICULAR TO ALIGNMENT	58002	7254633.085	607113.747	150.771	BOTTOM				
59	PARALLEL TO ALIGNMENT	59000	7254633.406	607114.402	158.709	TOP	-0.023	-0.021	0.031	0.415

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	PERPENDICULAR TO ALIGNMENT	59002	7254633.436	607114.429	151.139	BOTTOM				
60	PARALLEL TO ALIGNMENT	60000	7254633.723	607115.136	158.933	TOP	0.028	-0.026	0.038	0.483
	PERPENDICULAR TO ALIGNMENT	60002	7254633.685	607115.170	151.013	BOTTOM				
61	PARALLEL TO ALIGNMENT	61000	7254634.036	607115.876	158.049	TOP	-0.002	-0.019	0.019	0.272
	PERPENDICULAR TO ALIGNMENT	61002	7254634.038	607115.898	151.049	BOTTOM				
62	PARALLEL TO ALIGNMENT	62000	7254634.375	607116.599	158.791	TOP	-0.022	0.010	0.024	0.308
	PERPENDICULAR TO ALIGNMENT	62002	7254634.403	607116.587	151.101	BOTTOM				
63	PARALLEL TO ALIGNMENT	63000	7254634.718	607117.333	158.406	TOP	0.006	-0.002	0.006	0.082
	PERPENDICULAR TO ALIGNMENT	63002	7254634.711	607117.336	150.976	BOTTOM				
64	PARALLEL TO ALIGNMENT	64000	7254635.051	607118.063	157.730	TOP	0.027	0.015	0.031	0.449
	PERPENDICULAR TO ALIGNMENT	64002	7254635.021	607118.046	150.860	BOTTOM				
65	PARALLEL TO ALIGNMENT	65000	7254635.352	607118.771	157.829	TOP	-0.004	-0.038	0.038	0.560
	PERPENDICULAR TO ALIGNMENT	65002	7254635.357	607118.814	151.059	BOTTOM				
66	PARALLEL TO ALIGNMENT	66000	7254635.722	607119.517	158.227	TOP	0.011	-0.005	0.012	0.168
	PERPENDICULAR TO ALIGNMENT	66002	7254635.708	607119.523	150.847	BOTTOM				
67	PARALLEL TO ALIGNMENT	67000	7254635.993	607120.263	159.503	TOP	-0.020	0.016	0.025	0.296
	PERPENDICULAR TO ALIGNMENT	67002	7254636.021	607120.241	150.953	BOTTOM				
68	PARALLEL TO ALIGNMENT	68000	7254636.363	607121.009	158.572	TOP	0.007	0.030	0.031	0.407
	PERPENDICULAR TO ALIGNMENT	68002	7254636.355	607120.971	150.902	BOTTOM				
69	PARALLEL TO ALIGNMENT	69000	7254636.676	607121.742	157.780	TOP	-0.007	0.043	0.044	0.641
	PERPENDICULAR TO ALIGNMENT	69002	7254636.685	607121.693	150.930	BOTTOM				
70	PARALLEL TO ALIGNMENT	70000	7254636.974	607122.466	159.271	TOP	0.002	0.020	0.020	0.234
	PERPENDICULAR TO ALIGNMENT	70002	7254636.971	607122.439	150.701	BOTTOM				
71	PARALLEL TO ALIGNMENT	71000	7254637.337	607123.181	159.714	TOP	0.009	-0.010	0.013	0.155
	PERPENDICULAR TO ALIGNMENT	71002	7254637.325	607123.196	151.064	BOTTOM				
72	PARALLEL TO ALIGNMENT	72000	7254637.682	607123.937	157.862	TOP	-0.027	-0.001	0.027	0.394
	PERPENDICULAR TO ALIGNMENT	72002	7254637.713	607123.939	150.902	BOTTOM				
73	PARALLEL TO ALIGNMENT	73000	7254637.983	607124.656	157.888	TOP	-0.014	0.013	0.019	0.277
	PERPENDICULAR TO ALIGNMENT	73002	7254637.999	607124.641	150.898	BOTTOM				
74	PARALLEL TO ALIGNMENT	74000	7254638.307	607125.408	157.698	TOP	-0.034	-0.031	0.046	0.687
	PERPENDICULAR TO ALIGNMENT	74002	7254638.344	607125.443	151.018	BOTTOM				
75	PARALLEL TO ALIGNMENT	75000	7254638.622	607126.103	158.903	TOP	-0.008	-0.003	0.008	0.107
	PERPENDICULAR TO ALIGNMENT	75002	7254638.632	607126.107	151.243	BOTTOM				
76	PARALLEL TO ALIGNMENT	76000	7254638.919	607126.840	157.866	TOP	-0.002	-0.018	0.019	0.277
	PERPENDICULAR TO ALIGNMENT	76002	7254638.921	607126.861	151.176	BOTTOM				
77	PARALLEL TO ALIGNMENT	77000	7254639.288	607127.576	157.911	TOP	-0.006	0.015	0.016	0.245

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	PERPENDICULAR TO ALIGNMENT	77002	7254639.295	607127.559	151.271	BOTTOM				
78	PARALLEL TO ALIGNMENT	78000	7254639.641	607128.270	157.762	TOP	0.006	-0.016	0.017	0.253
	PERPENDICULAR TO ALIGNMENT	78002	7254639.634	607128.288	150.962	BOTTOM				
79	PARALLEL TO ALIGNMENT	79000	7254639.956	607129.012	157.833	TOP	-0.005	-0.011	0.012	0.176
	PERPENDICULAR TO ALIGNMENT	79002	7254639.961	607129.025	151.063	BOTTOM				
80	PARALLEL TO ALIGNMENT	80000	7254640.234	607129.748	157.815	TOP	-0.041	-0.002	0.041	0.595
	PERPENDICULAR TO ALIGNMENT	80002	7254640.281	607129.749	150.845	BOTTOM				
81	PARALLEL TO ALIGNMENT	81000	7254640.610	607130.501	157.622	TOP	0.019	-0.002	0.019	0.288
	PERPENDICULAR TO ALIGNMENT	81002	7254640.589	607130.503	150.992	BOTTOM				
82	PARALLEL TO ALIGNMENT	82000	7254640.942	607131.210	159.205	TOP	-0.027	0.019	0.033	0.381
	PERPENDICULAR TO ALIGNMENT	82002	7254640.978	607131.185	150.645	BOTTOM				
83	PARALLEL TO ALIGNMENT	83000	7254641.254	607131.922	158.680	TOP	-0.017	0.008	0.019	0.238
	PERPENDICULAR TO ALIGNMENT	83002	7254641.275	607131.912	150.810	BOTTOM				
84	PARALLEL TO ALIGNMENT	84000	7254641.574	607132.679	158.595	TOP	-0.009	0.024	0.026	0.339
	PERPENDICULAR TO ALIGNMENT	84002	7254641.585	607132.648	150.875	BOTTOM				
85	PARALLEL TO ALIGNMENT	85000	7254641.886	607133.446	157.500	TOP	-0.008	-0.003	0.009	0.131
	PERPENDICULAR TO ALIGNMENT	85002	7254641.895	607133.449	150.630	BOTTOM				
86	PARALLEL TO ALIGNMENT	86000	7254642.213	607134.167	157.647	TOP	0.009	-0.011	0.014	0.203
	PERPENDICULAR TO ALIGNMENT	86002	7254642.203	607134.179	150.757	BOTTOM				
87	PARALLEL TO ALIGNMENT	87000	7254642.556	607134.869	158.530	TOP	0.009	-0.010	0.014	0.179
	PERPENDICULAR TO ALIGNMENT	87002	7254642.545	607134.882	150.990	BOTTOM				
88	PARALLEL TO ALIGNMENT	88000	7254642.879	607135.612	158.586	TOP	-0.004	0.022	0.022	0.289
	PERPENDICULAR TO ALIGNMENT	88002	7254642.884	607135.584	150.916	BOTTOM				
89	PARALLEL TO ALIGNMENT	89000	7254643.222	607136.309	157.785	TOP	0.019	0.012	0.022	0.321
	PERPENDICULAR TO ALIGNMENT	89002	7254643.201	607136.295	150.905	BOTTOM				
90	PARALLEL TO ALIGNMENT	90000	7254643.529	607137.066	159.347	TOP	-0.007	0.044	0.045	0.527
	PERPENDICULAR TO ALIGNMENT	90002	7254643.539	607137.005	150.797	BOTTOM				
91	PARALLEL TO ALIGNMENT	91000	7254643.889	607137.782	158.485	TOP	-0.001	0.014	0.014	0.181
	PERPENDICULAR TO ALIGNMENT	91002	7254643.890	607137.765	150.885	BOTTOM				
92	PARALLEL TO ALIGNMENT	92000	7254644.196	607138.478	158.406	TOP	0.002	0.020	0.020	0.259
	PERPENDICULAR TO ALIGNMENT	92002	7254644.193	607138.453	150.716	BOTTOM				
93	PARALLEL TO ALIGNMENT	93000	7254644.524	607139.246	158.621	TOP	-0.007	0.030	0.031	0.400
	PERPENDICULAR TO ALIGNMENT	93002	7254644.533	607139.208	150.851	BOTTOM				
94	PARALLEL TO ALIGNMENT	94000	7254644.799	607139.985	157.743	TOP	0.019	0.012	0.023	0.325
	PERPENDICULAR TO ALIGNMENT	94002	7254644.778	607139.971	150.733	BOTTOM				
95	PARALLEL TO ALIGNMENT	95000	7254645.170	607140.702	158.797	TOP	0.011	0.009	0.014	0.175

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	PERPENDICULAR TO ALIGNMENT	95002	7254645.156	607140.690	150.767	BOTTOM				
96	PARALLEL TO ALIGNMENT	96000	7254645.487	607141.432	159.022	TOP	-0.031	0.043	0.053	0.621
	PERPENDICULAR TO ALIGNMENT	96002	7254645.528	607141.375	150.452	BOTTOM				
97	PARALLEL TO ALIGNMENT	97000	7254645.813	607142.153	158.643	TOP	-0.012	0.005	0.013	0.161
	PERPENDICULAR TO ALIGNMENT	97002	7254645.827	607142.146	150.473	BOTTOM				
98	PARALLEL TO ALIGNMENT	98000	7254646.164	607142.910	157.613	TOP	0.036	-0.024	0.043	0.565
	PERPENDICULAR TO ALIGNMENT	98002	7254646.124	607142.936	149.913	BOTTOM				
99	PARALLEL TO ALIGNMENT	99000	7254646.484	607143.633	158.769	TOP	0.034	0.023	0.041	0.468
	PERPENDICULAR TO ALIGNMENT	99002	7254646.442	607143.604	150.029	BOTTOM				
100	PARALLEL TO ALIGNMENT	100000	7254646.812	607144.379	158.732	TOP	-0.041	0.032	0.052	0.651
	PERPENDICULAR TO ALIGNMENT	100002	7254646.864	607144.337	150.682	BOTTOM				
101	PARALLEL TO ALIGNMENT	101000	7254647.123	607145.052	158.298	TOP	-0.050	-0.034	0.060	0.788
	PERPENDICULAR TO ALIGNMENT	101002	7254647.183	607145.092	150.648	BOTTOM				
102	PARALLEL TO ALIGNMENT	102000	7254647.455	607145.795	158.254	TOP	-0.030	0.013	0.032	0.422
	PERPENDICULAR TO ALIGNMENT	102002	7254647.491	607145.779	150.554	BOTTOM				
103	PARALLEL TO ALIGNMENT	103000	7254647.785	607146.535	157.925	TOP	-0.025	-0.010	0.027	0.373
	PERPENDICULAR TO ALIGNMENT	103002	7254647.814	607146.546	150.675	BOTTOM				
104	PARALLEL TO ALIGNMENT	104000	7254648.116	607147.300	158.323	TOP	-0.001	0.015	0.015	0.188
	PERPENDICULAR TO ALIGNMENT	104002	7254648.116	607147.281	150.153	BOTTOM				
105	PARALLEL TO ALIGNMENT	105000	7254648.448	607148.012	159.053	TOP	0.002	0.020	0.020	0.239
	PERPENDICULAR TO ALIGNMENT	105002	7254648.446	607147.985	150.813	BOTTOM				
106	PARALLEL TO ALIGNMENT	106000	7254648.760	607148.762	157.949	TOP	0.006	-0.003	0.007	0.088
	PERPENDICULAR TO ALIGNMENT	106002	7254648.753	607148.766	150.059	BOTTOM				
107	PARALLEL TO ALIGNMENT	107000	7254649.109	607149.478	158.205	TOP	0.007	0.030	0.030	0.426
	PERPENDICULAR TO ALIGNMENT	107002	7254649.101	607149.442	151.065	BOTTOM				
108	PARALLEL TO ALIGNMENT	108000	7254649.429	607150.208	157.967	TOP	0.010	0.024	0.026	0.351
	PERPENDICULAR TO ALIGNMENT	108002	7254649.418	607150.181	150.687	BOTTOM				
109	PARALLEL TO ALIGNMENT	109000	7254649.747	607150.938	159.213	TOP	0.006	-0.002	0.006	0.074
	PERPENDICULAR TO ALIGNMENT	109002	7254649.739	607150.941	150.713	BOTTOM				
110	PARALLEL TO ALIGNMENT	110000	7254650.080	607151.667	158.364	TOP	-0.016	-0.052	0.055	0.741
	PERPENDICULAR TO ALIGNMENT	110002	7254650.100	607151.731	150.974	BOTTOM				
111	PARALLEL TO ALIGNMENT	111000	7254650.405	607152.386	158.734	TOP	-0.014	-0.001	0.014	0.175
	PERPENDICULAR TO ALIGNMENT	111002	7254650.422	607152.387	150.904	BOTTOM				
112	PARALLEL TO ALIGNMENT	112000	7254650.736	607153.115	158.826	TOP	-0.030	-0.006	0.031	0.386
	PERPENDICULAR TO ALIGNMENT	112002	7254650.775	607153.123	150.906	BOTTOM				
113	PARALLEL TO ALIGNMENT	113000	7254651.063	607153.881	158.525	TOP	0.015	0.036	0.039	0.487

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	PERPENDICULAR TO ALIGNMENT	113002	7254651.045	607153.837	150.615	BOTTOM				
114	PARALLEL TO ALIGNMENT	114000	7254651.368	607154.578	158.013	TOP	-0.017	-0.006	0.018	0.245
	PERPENDICULAR TO ALIGNMENT	114002	7254651.388	607154.585	150.633	BOTTOM				
115	PARALLEL TO ALIGNMENT	115000	7254651.680	607155.305	158.179	TOP	-0.047	0.014	0.049	0.609
	PERPENDICULAR TO ALIGNMENT	115002	7254651.736	607155.289	150.089	BOTTOM				
116	PARALLEL TO ALIGNMENT	116000	7254652.044	607156.077	157.477	TOP	-0.008	-0.032	0.033	0.477
	PERPENDICULAR TO ALIGNMENT	116002	7254652.053	607156.111	150.517	BOTTOM				
117	PARALLEL TO ALIGNMENT	117000	7254652.366	607156.782	157.513	TOP	-0.007	0.019	0.020	0.264
	PERPENDICULAR TO ALIGNMENT	117002	7254652.373	607156.762	149.963	BOTTOM				
118	PARALLEL TO ALIGNMENT	118000	7254652.721	607157.497	157.679	TOP	0.060	0.032	0.068	0.916
	PERPENDICULAR TO ALIGNMENT	118002	7254652.655	607157.462	150.309	BOTTOM				
119	PARALLEL TO ALIGNMENT	119000	7254653.040	607158.226	157.580	TOP	0.020	0.013	0.024	0.333
	PERPENDICULAR TO ALIGNMENT	119002	7254653.018	607158.212	150.470	BOTTOM				
120	PARALLEL TO ALIGNMENT	120000	7254653.349	607158.934	158.994	TOP	-0.008	0.045	0.046	0.552
	PERPENDICULAR TO ALIGNMENT	120002	7254653.360	607158.874	150.654	BOTTOM				
121	PARALLEL TO ALIGNMENT	121000	7254653.687	607159.710	157.686	TOP	-0.022	0.032	0.039	0.532
	PERPENDICULAR TO ALIGNMENT	121002	7254653.712	607159.675	150.336	BOTTOM				
122	PARALLEL TO ALIGNMENT	122000	7254653.976	607160.379	158.199	TOP	-0.003	0.008	0.009	0.119
	PERPENDICULAR TO ALIGNMENT	122002	7254653.980	607160.369	150.849	BOTTOM				
123	PARALLEL TO ALIGNMENT	123000	7254654.332	607161.124	159.344	TOP	0.008	0.019	0.020	0.225
	PERPENDICULAR TO ALIGNMENT	123002	7254654.320	607161.099	150.234	BOTTOM				
124	PARALLEL TO ALIGNMENT	124000	7254654.706	607161.887	158.463	TOP	0.046	0.007	0.047	0.592
	PERPENDICULAR TO ALIGNMENT	124002	7254654.649	607161.877	150.593	BOTTOM				
125	PARALLEL TO ALIGNMENT	125000	7254655.007	607162.607	157.745	TOP	-0.003	-0.006	0.007	0.090
	PERPENDICULAR TO ALIGNMENT	125002	7254655.010	607162.613	150.500	BOTTOM				
126	PARALLEL TO ALIGNMENT	126000	7254655.333	607163.323	159.180	TOP	-0.040	0.010	0.041	0.462
	PERPENDICULAR TO ALIGNMENT	126002	7254655.386	607163.310	150.290	BOTTOM				
127	PARALLEL TO ALIGNMENT	127000	7254655.684	607164.060	158.763	TOP	0.009	0.003	0.010	0.114
	PERPENDICULAR TO ALIGNMENT	127002	7254655.673	607164.055	150.193	BOTTOM				
128	PARALLEL TO ALIGNMENT	128000	7254655.964	607164.738	157.528	TOP	-0.026	0.050	0.057	0.735
	PERPENDICULAR TO ALIGNMENT	128002	7254655.992	607164.684	149.808	BOTTOM				
129	PARALLEL TO ALIGNMENT	129000	7254656.301	607165.446	158.334	TOP	0.076	0.003	0.076	0.776
	PERPENDICULAR TO ALIGNMENT	129002	7254656.212	607165.442	148.484	BOTTOM				
130	PARALLEL TO ALIGNMENT	130000	7254656.591	607166.152	158.071	TOP	-0.032	0.006	0.032	0.365
	PERPENDICULAR TO ALIGNMENT	130002	7254656.627	607166.145	149.201	BOTTOM				
131	PARALLEL TO ALIGNMENT	131000	7254656.869	607166.784	158.164	TOP	0.007	-0.020	0.021	0.246

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	PERPENDICULAR TO ALIGNMENT	131002	7254656.861	607166.807	149.534	BOTTOM				
132	PARALLEL TO ALIGNMENT	132000	7254657.128	607167.490	157.665	TOP	-0.035	0.067	0.076	0.858
	PERPENDICULAR TO ALIGNMENT	132002	7254657.165	607167.417	148.815	BOTTOM				
133	PARALLEL TO ALIGNMENT	133000	7254657.460	607168.169	157.824	TOP	0.019	0.001	0.019	0.204
	PERPENDICULAR TO ALIGNMENT	133002	7254657.439	607168.168	148.634	BOTTOM				
134	PARALLEL TO ALIGNMENT	134000	7254657.827	607168.888	158.176	TOP	0.029	0.023	0.037	0.394
	PERPENDICULAR TO ALIGNMENT	134002	7254657.794	607168.861	148.706	BOTTOM				
135	PARALLEL TO ALIGNMENT	135000	7254658.119	607169.536	158.466	TOP	-0.045	0.001	0.045	0.460
	PERPENDICULAR TO ALIGNMENT	135002	7254658.172	607169.534	148.586	BOTTOM				
136	PARALLEL TO ALIGNMENT	136000	7254658.406	607170.209	158.103	TOP	-0.010	-0.042	0.043	0.453
	PERPENDICULAR TO ALIGNMENT	136002	7254658.417	607170.256	148.673	BOTTOM				
137	PARALLEL TO ALIGNMENT	137000	7254658.699	607170.883	157.901	TOP	-0.018	-0.019	0.026	0.286
	PERPENDICULAR TO ALIGNMENT	137002	7254658.719	607170.904	148.671	BOTTOM				
138	PARALLEL TO ALIGNMENT	138000	7254659.029	607171.608	157.734	TOP	0.001	0.046	0.046	0.499
	PERPENDICULAR TO ALIGNMENT	138002	7254659.028	607171.558	148.494	BOTTOM				
139	PARALLEL TO ALIGNMENT	139000	7254659.340	607172.260	158.287	TOP	-0.025	-0.035	0.043	0.445
	PERPENDICULAR TO ALIGNMENT	139002	7254659.369	607172.301	148.527	BOTTOM				
140	PARALLEL TO ALIGNMENT	140000	7254659.588	607172.931	158.142	TOP	-0.013	0.015	0.019	0.199
	PERPENDICULAR TO ALIGNMENT	140002	7254659.602	607172.915	148.482	BOTTOM				
141	PARALLEL TO ALIGNMENT	141000	7254659.957	607173.609	157.878	TOP	0.015	0.012	0.019	0.204
	PERPENDICULAR TO ALIGNMENT	141002	7254659.941	607173.595	148.488	BOTTOM				
142	PARALLEL TO ALIGNMENT	142000	7254660.237	607174.341	157.950	TOP	0.006	-0.050	0.051	0.528
	PERPENDICULAR TO ALIGNMENT	142002	7254660.230	607174.397	148.350	BOTTOM				
143	PARALLEL TO ALIGNMENT	143000	7254660.531	607174.997	157.917	TOP	0.016	-0.007	0.018	0.182
	PERPENDICULAR TO ALIGNMENT	143002	7254660.513	607175.005	148.147	BOTTOM				
144	PARALLEL TO ALIGNMENT	144000	7254660.796	607175.673	159.066	TOP	-0.026	0.071	0.076	0.692
	PERPENDICULAR TO ALIGNMENT	144002	7254660.828	607175.586	148.156	BOTTOM				
145	PARALLEL TO ALIGNMENT	145000	7254661.155	607176.357	157.916	TOP	0.001	-0.019	0.019	0.203
	PERPENDICULAR TO ALIGNMENT	145002	7254661.154	607176.378	148.376	BOTTOM				
146	PARALLEL TO ALIGNMENT	146000	7254661.390	607177.029	158.332	TOP	-0.049	-0.066	0.082	0.810
	PERPENDICULAR TO ALIGNMENT	146002	7254661.446	607177.104	148.202	BOTTOM				
147	PARALLEL TO ALIGNMENT	147000	7254661.739	607177.724	158.073	TOP	-0.026	-0.037	0.046	0.456
	PERPENDICULAR TO ALIGNMENT	147002	7254661.768	607177.765	148.093	BOTTOM				
148	PARALLEL TO ALIGNMENT	148000	7254662.079	607178.407	158.983	TOP	0.039	0.023	0.045	0.413
	PERPENDICULAR TO ALIGNMENT	148002	7254662.032	607178.379	148.043	BOTTOM				
149	PARALLEL TO ALIGNMENT	149000	7254662.401	607179.098	158.156	TOP	0.008	-0.004	0.009	0.089

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	PERPENDICULAR TO ALIGNMENT	149002	7254662.391	607179.102	148.006	BOTTOM				
150	PARALLEL TO ALIGNMENT	150000	7254662.711	607179.785	158.729	TOP	0.004	0.008	0.009	0.085
	PERPENDICULAR TO ALIGNMENT	150002	7254662.707	607179.775	148.069	BOTTOM				
151	PARALLEL TO ALIGNMENT	151000	7254663.004	607180.466	158.115	TOP	-0.040	-0.002	0.040	0.400
	PERPENDICULAR TO ALIGNMENT	151002	7254663.049	607180.468	148.015	BOTTOM				
152	PARALLEL TO ALIGNMENT	152000	7254663.276	607181.130	158.018	TOP	-0.076	-0.083	0.113	1.145
	PERPENDICULAR TO ALIGNMENT	152002	7254663.361	607181.222	148.178	BOTTOM				
153	PARALLEL TO ALIGNMENT	153000	7254663.609	607181.827	158.148	TOP	0.008	-0.003	0.009	0.089
	PERPENDICULAR TO ALIGNMENT	153002	7254663.600	607181.830	148.478	BOTTOM				
154	PARALLEL TO ALIGNMENT	154000	7254663.921	607182.557	157.916	TOP	0.005	-0.012	0.013	0.131
	PERPENDICULAR TO ALIGNMENT	154002	7254663.916	607182.570	148.356	BOTTOM				
155	PARALLEL TO ALIGNMENT	155000	7254664.221	607183.223	157.884	TOP	0.074	-0.012	0.075	0.754
	PERPENDICULAR TO ALIGNMENT	155002	7254664.139	607183.236	147.924	BOTTOM				
156	PARALLEL TO ALIGNMENT	156000	7254664.561	607183.925	157.572	TOP	0.001	-0.019	0.019	0.212
	PERPENDICULAR TO ALIGNMENT	156002	7254664.560	607183.945	148.462	BOTTOM				
157	PARALLEL TO ALIGNMENT	157000	7254664.842	607184.594	158.137	TOP	-0.005	0.031	0.031	0.321
	PERPENDICULAR TO ALIGNMENT	157002	7254664.847	607184.559	148.407	BOTTOM				
158	PARALLEL TO ALIGNMENT	158000	7254665.115	607185.303	157.795	TOP	0.031	0.006	0.032	0.336
	PERPENDICULAR TO ALIGNMENT	158002	7254665.081	607185.297	148.345	BOTTOM				
159	PARALLEL TO ALIGNMENT	159000	7254665.404	607185.977	159.054	TOP	-0.016	0.026	0.031	0.290
	PERPENDICULAR TO ALIGNMENT	159002	7254665.425	607185.945	148.514	BOTTOM				
160	PARALLEL TO ALIGNMENT	160000	7254665.730	607186.604	157.710	TOP	0.029	-0.061	0.067	0.729
	PERPENDICULAR TO ALIGNMENT	160002	7254665.698	607186.670	148.450	BOTTOM				
161	PARALLEL TO ALIGNMENT	161000	7254666.038	607187.297	157.991	TOP	-0.010	-0.024	0.026	0.270
	PERPENDICULAR TO ALIGNMENT	161002	7254666.050	607187.323	148.411	BOTTOM				
162	PARALLEL TO ALIGNMENT	162000	7254666.304	607187.992	157.982	TOP	-0.027	0.003	0.027	0.287
	PERPENDICULAR TO ALIGNMENT	162002	7254666.334	607187.988	148.432	BOTTOM				
163	PARALLEL TO ALIGNMENT	163000	7254666.643	607188.663	158.220	TOP	-0.019	-0.020	0.028	0.278
	PERPENDICULAR TO ALIGNMENT	163002	7254666.664	607188.686	148.330	BOTTOM				
164	PARALLEL TO ALIGNMENT	164000	7254666.983	607189.381	158.863	TOP	-0.011	0.065	0.066	0.607
	PERPENDICULAR TO ALIGNMENT	164002	7254666.997	607189.302	147.963	BOTTOM				
165	PARALLEL TO ALIGNMENT	165000	7254667.292	607190.057	158.059	TOP	0.001	-0.021	0.021	0.202
	PERPENDICULAR TO ALIGNMENT	165002	7254667.290	607190.080	147.559	BOTTOM				
166	PARALLEL TO ALIGNMENT	166000	7254667.587	607190.759	158.096	TOP	-0.004	0.011	0.012	0.127
	PERPENDICULAR TO ALIGNMENT	166002	7254667.592	607190.746	148.416	BOTTOM				
167	PARALLEL TO ALIGNMENT	167000	7254667.900	607191.421	157.648	TOP	0.024	-0.011	0.026	0.281

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	PERPENDICULAR TO ALIGNMENT	167002	7254667.875	607191.432	148.348	BOTTOM				
168	PARALLEL TO ALIGNMENT	168000	7254668.199	607192.066	157.635	TOP	0.009	-0.043	0.044	0.477
	PERPENDICULAR TO ALIGNMENT	168002	7254668.189	607192.112	148.325	BOTTOM				
169	PARALLEL TO ALIGNMENT	169000	7254668.559	607192.765	158.191	TOP	-0.002	-0.049	0.049	0.478
	PERPENDICULAR TO ALIGNMENT	169002	7254668.561	607192.820	147.961	BOTTOM				
170	PARALLEL TO ALIGNMENT	170000	7254668.871	607193.514	159.004	TOP	0.039	0.001	0.039	0.367
	PERPENDICULAR TO ALIGNMENT	170002	7254668.824	607193.512	148.504	BOTTOM				
171	PARALLEL TO ALIGNMENT	171000	7254669.190	607194.187	158.459	TOP	0.010	0.043	0.044	0.438
	PERPENDICULAR TO ALIGNMENT	171002	7254669.179	607194.137	148.359	BOTTOM				
172	PARALLEL TO ALIGNMENT	172000	7254669.434	607194.909	159.002	TOP	-0.015	0.007	0.017	0.163
	PERPENDICULAR TO ALIGNMENT	172002	7254669.453	607194.901	148.782	BOTTOM				
173	PARALLEL TO ALIGNMENT	173000	7254669.758	607195.562	157.895	TOP	0.038	0.002	0.038	0.407
	PERPENDICULAR TO ALIGNMENT	173002	7254669.716	607195.560	148.625	BOTTOM				
174	PARALLEL TO ALIGNMENT	174000	7254670.057	607196.205	157.851	TOP	-0.004	0.011	0.012	0.129
	PERPENDICULAR TO ALIGNMENT	174002	7254670.061	607196.193	148.941	BOTTOM				
175	PARALLEL TO ALIGNMENT	175000	7254670.330	607196.888	159.159	TOP	-0.033	0.005	0.033	0.327
	PERPENDICULAR TO ALIGNMENT	175002	7254670.371	607196.882	148.989	BOTTOM				
176	PARALLEL TO ALIGNMENT	176000	7254670.632	607197.573	159.023	TOP	-0.036	-0.002	0.036	0.363
	PERPENDICULAR TO ALIGNMENT	176002	7254670.677	607197.575	149.083	BOTTOM				
177	PARALLEL TO ALIGNMENT	177000	7254670.994	607198.288	158.636	TOP	0.019	-0.017	0.025	0.263
	PERPENDICULAR TO ALIGNMENT	177002	7254670.971	607198.309	149.006	BOTTOM				
178	PARALLEL TO ALIGNMENT	178000	7254671.305	607198.947	158.545	TOP	-0.046	-0.023	0.051	0.539
	PERPENDICULAR TO ALIGNMENT	178002	7254671.359	607198.975	149.035	BOTTOM				
179	PARALLEL TO ALIGNMENT	179000	7254671.599	607199.651	158.720	TOP	-0.031	0.032	0.044	0.448
	PERPENDICULAR TO ALIGNMENT	179002	7254671.637	607199.612	148.850	BOTTOM				
180	PARALLEL TO ALIGNMENT	180000	7254671.918	607200.334	158.348	TOP	0.002	0.047	0.047	0.470
	PERPENDICULAR TO ALIGNMENT	180002	7254671.915	607200.280	148.438	BOTTOM				
181	PARALLEL TO ALIGNMENT	181000	7254672.227	607201.031	157.610	TOP	0.004	0.051	0.051	0.591
	PERPENDICULAR TO ALIGNMENT	181002	7254672.222	607200.976	148.950	BOTTOM				
182	PARALLEL TO ALIGNMENT	182000	7254672.545	607201.743	158.304	TOP	0.065	0.006	0.065	0.699
	PERPENDICULAR TO ALIGNMENT	182002	7254672.469	607201.736	148.973	BOTTOM				
183	PARALLEL TO ALIGNMENT	183000	7254672.838	607202.388	159.430	TOP	-0.023	0.010	0.025	0.233
	PERPENDICULAR TO ALIGNMENT	183002	7254672.868	607202.375	148.740	BOTTOM				
184	PARALLEL TO ALIGNMENT	184000	7254673.150	607203.059	159.550	TOP	0.046	0.043	0.063	0.590
	PERPENDICULAR TO ALIGNMENT	184002	7254673.089	607203.003	148.870	BOTTOM				
185	PARALLEL TO ALIGNMENT	185000	7254673.479	607203.756	157.645	TOP	0.038	0.026	0.046	0.542

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	PERPENDICULAR TO ALIGNMENT	185002	7254673.437	607203.728	149.105	BOTTOM				
186	PARALLEL TO ALIGNMENT	186000	7254673.767	607204.464	158.489	TOP	0.022	0.008	0.024	0.243
	PERPENDICULAR TO ALIGNMENT	186002	7254673.740	607204.454	148.729	BOTTOM				
187	PARALLEL TO ALIGNMENT	187000	7254674.098	607205.142	158.650	TOP	0.020	0.025	0.032	0.342
	PERPENDICULAR TO ALIGNMENT	187002	7254674.073	607205.112	149.190	BOTTOM				
188	PARALLEL TO ALIGNMENT	188000	7254674.350	607205.828	158.011	TOP	-0.024	-0.016	0.029	0.326
	PERPENDICULAR TO ALIGNMENT	188002	7254674.377	607205.846	149.151	BOTTOM				
189	PARALLEL TO ALIGNMENT	189000	7254674.669	607206.489	158.132	TOP	0.031	-0.006	0.031	0.359
	PERPENDICULAR TO ALIGNMENT	189002	7254674.633	607206.496	149.442	BOTTOM				
190	PARALLEL TO ALIGNMENT	190000	7254674.986	607207.182	158.090	TOP	-0.030	-0.012	0.032	0.375
	PERPENDICULAR TO ALIGNMENT	190002	7254675.021	607207.195	149.460	BOTTOM				
191	PARALLEL TO ALIGNMENT	191000	7254675.301	607207.849	158.176	TOP	0.014	-0.006	0.015	0.174
	PERPENDICULAR TO ALIGNMENT	191002	7254675.284	607207.856	149.426	BOTTOM				
192	PARALLEL TO ALIGNMENT	192000	7254675.559	607208.607	159.009	TOP	-0.025	0.003	0.025	0.257
	PERPENDICULAR TO ALIGNMENT	192002	7254675.591	607208.603	149.109	BOTTOM				
193	PARALLEL TO ALIGNMENT	193000	7254675.889	607209.231	158.015	TOP	-0.003	-0.007	0.008	0.089
	PERPENDICULAR TO ALIGNMENT	193002	7254675.893	607209.239	149.415	BOTTOM				
194	PARALLEL TO ALIGNMENT	194000	7254676.188	607209.942	158.377	TOP	0.016	0.017	0.023	0.268
	PERPENDICULAR TO ALIGNMENT	194002	7254676.169	607209.921	149.637	BOTTOM				
195	PARALLEL TO ALIGNMENT	195000	7254676.494	607210.627	157.506	TOP	-0.025	-0.021	0.033	0.419
	PERPENDICULAR TO ALIGNMENT	195002	7254676.521	607210.649	149.656	BOTTOM				
196	PARALLEL TO ALIGNMENT	196000	7254676.793	607211.299	158.628	TOP	0.002	0.023	0.023	0.261
	PERPENDICULAR TO ALIGNMENT	196002	7254676.790	607211.271	149.908	BOTTOM				
197	PARALLEL TO ALIGNMENT	197000	7254677.127	607211.936	158.469	TOP	-0.013	-0.011	0.017	0.188
	PERPENDICULAR TO ALIGNMENT	197002	7254677.142	607211.948	149.559	BOTTOM				
198	PARALLEL TO ALIGNMENT	198000	7254677.460	607212.650	158.368	TOP	-0.010	0.013	0.016	0.190
	PERPENDICULAR TO ALIGNMENT	198002	7254677.472	607212.635	149.678	BOTTOM				
199	PARALLEL TO ALIGNMENT	199000	7254677.746	607213.311	159.130	TOP	0.027	-0.012	0.030	0.314
	PERPENDICULAR TO ALIGNMENT	199002	7254677.710	607213.327	149.550	BOTTOM				
200	PARALLEL TO ALIGNMENT	200000	7254678.038	607214.023	157.609	TOP	-0.015	-0.033	0.036	0.381
	PERPENDICULAR TO ALIGNMENT	200002	7254678.054	607214.058	148.229	BOTTOM				
201	PARALLEL TO ALIGNMENT	201000	7254678.383	607214.682	157.991	TOP	0.017	0.001	0.017	0.198
	PERPENDICULAR TO ALIGNMENT	201002	7254678.364	607214.681	149.461	BOTTOM				
202	PARALLEL TO ALIGNMENT	202000	7254678.653	607215.387	158.133	TOP	-0.014	0.006	0.015	0.175
	PERPENDICULAR TO ALIGNMENT	202002	7254678.669	607215.380	149.303	BOTTOM				
203	PARALLEL TO ALIGNMENT	203000	7254678.968	607216.019	159.680	TOP	0.031	-0.029	0.043	0.404

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	PERPENDICULAR TO ALIGNMENT	203002	7254678.926	607216.058	149.100	BOTTOM				
204	PARALLEL TO ALIGNMENT	204000	7254679.296	607216.715	157.698	TOP	0.022	-0.010	0.024	0.280
	PERPENDICULAR TO ALIGNMENT	204002	7254679.272	607216.726	149.128	BOTTOM				
205	PARALLEL TO ALIGNMENT	205000	7254679.574	607217.424	158.113	TOP	-0.032	-0.032	0.045	0.477
	PERPENDICULAR TO ALIGNMENT	205002	7254679.610	607217.460	148.693	BOTTOM				
206	PARALLEL TO ALIGNMENT	206000	7254679.910	607218.144	158.267	TOP	-0.040	-0.009	0.041	0.437
	PERPENDICULAR TO ALIGNMENT	206002	7254679.956	607218.154	148.777	BOTTOM				
207	PARALLEL TO ALIGNMENT	207000	7254680.203	607218.845	158.561	TOP	0.041	0.034	0.053	0.563
	PERPENDICULAR TO ALIGNMENT	207002	7254680.154	607218.805	149.071	BOTTOM				
208	PARALLEL TO ALIGNMENT	208000	7254680.486	607219.523	157.994	TOP	0.021	0.086	0.089	1.008
	PERPENDICULAR TO ALIGNMENT	208002	7254680.461	607219.426	149.184	BOTTOM				
209	PARALLEL TO ALIGNMENT	209000	7254680.837	607220.170	158.030	TOP	0.012	-0.031	0.033	0.376
	PERPENDICULAR TO ALIGNMENT	209002	7254680.824	607220.205	149.240	BOTTOM				
210	PARALLEL TO ALIGNMENT	210000	7254681.037	607220.893	159.106	TOP	-0.019	0.017	0.026	0.256
	PERPENDICULAR TO ALIGNMENT	210002	7254681.061	607220.871	149.036	BOTTOM				
211	PARALLEL TO ALIGNMENT	211000	7254681.377	607221.535	158.158	TOP	0.004	-0.010	0.011	0.124
	PERPENDICULAR TO ALIGNMENT	211002	7254681.372	607221.547	149.248	BOTTOM				
212	PARALLEL TO ALIGNMENT	212000	7254681.684	607222.236	157.645	TOP	0.007	0.014	0.016	0.187
	PERPENDICULAR TO ALIGNMENT	212002	7254681.677	607222.220	149.255	BOTTOM				
213	PARALLEL TO ALIGNMENT	213000	7254681.998	607222.931	158.126	TOP	0.024	0.056	0.061	0.700
	PERPENDICULAR TO ALIGNMENT	213002	7254681.970	607222.867	149.466	BOTTOM				
214	PARALLEL TO ALIGNMENT	214000	7254682.258	607223.639	158.137	TOP	-0.020	0.032	0.038	0.441
	PERPENDICULAR TO ALIGNMENT	214002	7254682.281	607223.603	149.627	BOTTOM				
215	PARALLEL TO ALIGNMENT	215000	7254682.607	607224.268	157.876	TOP	0.017	0.001	0.017	0.202
	PERPENDICULAR TO ALIGNMENT	215002	7254682.588	607224.268	149.406	BOTTOM				
216	PARALLEL TO ALIGNMENT	216000	7254682.949	607224.897	157.944	TOP	-0.024	-0.033	0.041	0.463
	PERPENDICULAR TO ALIGNMENT	216002	7254682.976	607224.934	149.104	BOTTOM				
217	PARALLEL TO ALIGNMENT	217000	7254683.260	607225.595	157.923	TOP	0.019	-0.034	0.039	0.448
	PERPENDICULAR TO ALIGNMENT	217002	7254683.239	607225.632	149.303	BOTTOM				
218	PARALLEL TO ALIGNMENT	218000	7254683.558	607226.293	158.430	TOP	-0.024	0.002	0.024	0.270
	PERPENDICULAR TO ALIGNMENT	218002	7254683.586	607226.290	149.390	BOTTOM				
219	PARALLEL TO ALIGNMENT	219000	7254683.851	607226.950	157.555	TOP	-0.008	-0.076	0.077	0.893
	PERPENDICULAR TO ALIGNMENT	219002	7254683.859	607227.031	148.955	BOTTOM				
220	PARALLEL TO ALIGNMENT	220000	7254684.151	607227.649	157.899	TOP	-0.023	-0.033	0.040	0.466
	PERPENDICULAR TO ALIGNMENT	220002	7254684.177	607227.685	149.247	BOTTOM				
221	PARALLEL TO ALIGNMENT	221000	7254684.488	607228.379	157.508	TOP	-0.047	-0.024	0.053	0.608

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	PERPENDICULAR TO ALIGNMENT	221002	7254684.538	607228.404	148.848	BOTTOM				
222	PARALLEL TO ALIGNMENT	222000	7254684.789	607229.111	158.566	TOP	-0.012	-0.028	0.031	0.335
	PERPENDICULAR TO ALIGNMENT	222002	7254684.804	607229.145	149.326	BOTTOM				
223	PARALLEL TO ALIGNMENT	223000	7254685.096	607229.851	158.826	TOP	-0.032	-0.031	0.044	0.442
	PERPENDICULAR TO ALIGNMENT	223002	7254685.135	607229.888	148.846	BOTTOM				
224	PARALLEL TO ALIGNMENT	224000	7254685.472	607230.581	157.925	TOP	0.044	0.023	0.049	0.465
	PERPENDICULAR TO ALIGNMENT	224002	7254685.424	607230.555	147.305	BOTTOM				
225	PARALLEL TO ALIGNMENT	225000	7254685.777	607231.310	157.943	TOP	-0.004	0.010	0.011	0.127
	PERPENDICULAR TO ALIGNMENT	225002	7254685.781	607231.298	149.333	BOTTOM				
226	PARALLEL TO ALIGNMENT	226000	7254686.118	607232.045	158.788	TOP	-0.025	0.003	0.025	0.260
	PERPENDICULAR TO ALIGNMENT	226002	7254686.148	607232.041	149.278	BOTTOM				
227	PARALLEL TO ALIGNMENT	227000	7254686.425	607232.724	158.967	TOP	-0.009	-0.038	0.039	0.408
	PERPENDICULAR TO ALIGNMENT	227002	7254686.436	607232.772	149.317	BOTTOM				
228	PARALLEL TO ALIGNMENT	228000	7254686.773	607233.508	158.835	TOP	0.005	-0.080	0.080	0.753
	PERPENDICULAR TO ALIGNMENT	228002	7254686.767	607233.605	148.195	BOTTOM				
229	PARALLEL TO ALIGNMENT	229000	7254687.155	607234.228	157.943	TOP	0.044	0.017	0.048	0.511
	PERPENDICULAR TO ALIGNMENT	229002	7254687.106	607234.209	148.643	BOTTOM				
230	PARALLEL TO ALIGNMENT	230000	7254687.472	607234.987	157.895	TOP	-0.023	0.045	0.051	0.584
	PERPENDICULAR TO ALIGNMENT	230002	7254687.498	607234.936	149.212	BOTTOM				
231	PARALLEL TO ALIGNMENT	231000	7254687.803	607235.766	157.761	TOP	-0.036	0.049	0.061	0.737
	PERPENDICULAR TO ALIGNMENT	231002	7254687.843	607235.712	149.461	BOTTOM				
232	PARALLEL TO ALIGNMENT	232000	7254688.101	607236.454	158.335	TOP	-0.002	0.039	0.039	0.394
	PERPENDICULAR TO ALIGNMENT	232002	7254688.103	607236.409	148.525	BOTTOM				
233	PARALLEL TO ALIGNMENT	233000	7254688.461	607237.171	158.676	TOP	-0.013	0.061	0.063	0.703
	PERPENDICULAR TO ALIGNMENT	233002	7254688.477	607237.095	149.746	BOTTOM				
234	PARALLEL TO ALIGNMENT	234000	7254688.775	607237.879	158.812	TOP	-0.008	0.035	0.036	0.402
	PERPENDICULAR TO ALIGNMENT	234002	7254688.784	607237.835	149.872	BOTTOM				
235	PARALLEL TO ALIGNMENT	235000	7254689.082	607238.588	158.144	TOP	-0.015	-0.032	0.035	0.431
	PERPENDICULAR TO ALIGNMENT	235002	7254689.099	607238.625	149.924	BOTTOM				
236	PARALLEL TO ALIGNMENT	236000	7254689.386	607239.295	159.135	TOP	-0.032	0.015	0.036	0.389
	PERPENDICULAR TO ALIGNMENT	236002	7254689.428	607239.276	149.975	BOTTOM				
237	PARALLEL TO ALIGNMENT	237000	7254689.770	607240.038	158.158	TOP	0.011	-0.013	0.017	0.194
	PERPENDICULAR TO ALIGNMENT	237002	7254689.757	607240.053	149.508	BOTTOM				
238	PARALLEL TO ALIGNMENT	238000	7254690.058	607240.821	158.037	TOP	0.017	0.001	0.017	0.199
	PERPENDICULAR TO ALIGNMENT	238002	7254690.038	607240.820	149.427	BOTTOM				
239	PARALLEL TO ALIGNMENT	239000	7254690.400	607241.499	158.352	TOP	0.001	-0.017	0.017	0.191

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	PERPENDICULAR TO ALIGNMENT	239002	7254690.399	607241.520	149.282	BOTTOM				
240	PARALLEL TO ALIGNMENT	240000	7254690.761	607242.233	157.718	TOP	0.011	-0.013	0.017	0.208
	PERPENDICULAR TO ALIGNMENT	240002	7254690.749	607242.247	149.358	BOTTOM				
241	PARALLEL TO ALIGNMENT	241000	7254691.060	607242.975	157.639	TOP	0.020	0.008	0.022	0.262
	PERPENDICULAR TO ALIGNMENT	241002	7254691.038	607242.966	149.379	BOTTOM				
242	PARALLEL TO ALIGNMENT	242000	7254691.338	607243.714	157.798	TOP	-0.036	0.033	0.049	0.579
	PERPENDICULAR TO ALIGNMENT	242002	7254691.377	607243.678	149.398	BOTTOM				
243	PARALLEL TO ALIGNMENT	243000	7254691.681	607244.462	158.210	TOP	0.028	-0.037	0.046	0.507
	PERPENDICULAR TO ALIGNMENT	243002	7254691.649	607244.505	149.100	BOTTOM				
244	PARALLEL TO ALIGNMENT	244000	7254691.984	607245.179	157.658	TOP	-0.011	0.014	0.018	0.212
	PERPENDICULAR TO ALIGNMENT	244002	7254691.997	607245.164	149.138	BOTTOM				
245	PARALLEL TO ALIGNMENT	245000	7254692.342	607245.915	158.383	TOP	-0.006	-0.014	0.015	0.170
	PERPENDICULAR TO ALIGNMENT	245002	7254692.350	607245.931	149.513	BOTTOM				
246	PARALLEL TO ALIGNMENT	246000	7254692.688	607246.676	158.360	TOP	0.100	-0.010	0.100	1.096
	PERPENDICULAR TO ALIGNMENT	246002	7254692.571	607246.687	149.210	BOTTOM				
247	PARALLEL TO ALIGNMENT	247000	7254692.995	607247.365	157.783	TOP	-0.045	0.054	0.070	0.826
	PERPENDICULAR TO ALIGNMENT	247002	7254693.044	607247.305	149.283	BOTTOM				
248	PARALLEL TO ALIGNMENT	248000	7254693.346	607248.098	157.928	TOP	0.018	0.001	0.018	0.203
	PERPENDICULAR TO ALIGNMENT	248002	7254693.326	607248.097	149.118	BOTTOM				
249	PARALLEL TO ALIGNMENT	249000	7254693.654	607248.825	158.174	TOP	0.000	0.000	0.000	0.000
	PERPENDICULAR TO ALIGNMENT	249002	7254693.654	607248.825	149.424	BOTTOM				
250	PARALLEL TO ALIGNMENT	250000	7254693.955	607249.570	158.523	TOP	-0.061	-0.006	0.062	0.680
	PERPENDICULAR TO ALIGNMENT	250002	7254694.029	607249.577	149.463	BOTTOM				
251	PARALLEL TO ALIGNMENT	251000	7254694.282	607250.304	157.586	TOP	-0.051	0.031	0.060	0.757
	PERPENDICULAR TO ALIGNMENT	251002	7254694.337	607250.270	149.686	BOTTOM				
252	PARALLEL TO ALIGNMENT	252000	7254694.619	607251.061	158.448	TOP	0.001	-0.017	0.017	0.188
	PERPENDICULAR TO ALIGNMENT	252002	7254694.618	607251.081	149.498	BOTTOM				
253	PARALLEL TO ALIGNMENT	253000	7254695.007	607251.789	157.840	TOP	0.024	0.019	0.031	0.401
	PERPENDICULAR TO ALIGNMENT	253002	7254694.979	607251.767	150.080	BOTTOM				
254	PARALLEL TO ALIGNMENT	254000	7254695.285	607252.507	158.969	TOP	-0.016	-0.017	0.023	0.255
	PERPENDICULAR TO ALIGNMENT	254002	7254695.305	607252.529	149.779	BOTTOM				
255	PARALLEL TO ALIGNMENT	255000	7254695.611	607253.212	157.554	TOP	-0.024	0.019	0.030	0.387
	PERPENDICULAR TO ALIGNMENT	255002	7254695.636	607253.192	149.784	BOTTOM				
256	PARALLEL TO ALIGNMENT	256000	7254695.947	607253.923	158.273	TOP	0.010	0.004	0.010	0.121
	PERPENDICULAR TO ALIGNMENT	256002	7254695.936	607253.918	149.603	BOTTOM				
257	PARALLEL TO ALIGNMENT	257000	7254696.258	607254.670	157.720	TOP	0.024	-0.034	0.042	0.532

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	PERPENDICULAR TO ALIGNMENT	257002	7254696.231	607254.707	149.810	BOTTOM				
258	PARALLEL TO ALIGNMENT	258000	7254696.555	607255.426	158.376	TOP	0.012	0.005	0.012	0.124
	PERPENDICULAR TO ALIGNMENT	258002	7254696.541	607255.421	148.326	BOTTOM				
259	PARALLEL TO ALIGNMENT	259000	7254696.866	607256.127	158.279	TOP	-0.069	-0.021	0.072	0.796
	PERPENDICULAR TO ALIGNMENT	259002	7254696.947	607256.152	149.179	BOTTOM				
260	PARALLEL TO ALIGNMENT	260000	7254697.206	607256.887	158.982	TOP	-0.043	-0.036	0.056	0.551
	PERPENDICULAR TO ALIGNMENT	260002	7254697.259	607256.932	148.842	BOTTOM				
261	PARALLEL TO ALIGNMENT	261000	7254697.552	607257.598	158.035	TOP	0.022	-0.042	0.047	0.564
	PERPENDICULAR TO ALIGNMENT	261002	7254697.527	607257.646	149.625	BOTTOM				
262	PARALLEL TO ALIGNMENT	262000	7254697.870	607258.345	157.604	TOP	-0.065	-0.014	0.066	0.812
	PERPENDICULAR TO ALIGNMENT	262002	7254697.940	607258.360	149.464	BOTTOM				
263	PARALLEL TO ALIGNMENT	263000	7254698.179	607259.084	158.226	TOP	-0.040	0.018	0.044	0.516
	PERPENDICULAR TO ALIGNMENT	263002	7254698.226	607259.062	149.746	BOTTOM				
264	PARALLEL TO ALIGNMENT	264000	7254698.525	607259.795	158.774	TOP	0.010	0.004	0.011	0.117
	PERPENDICULAR TO ALIGNMENT	264002	7254698.512	607259.790	149.254	BOTTOM				
265	PARALLEL TO ALIGNMENT	265000	7254698.884	607260.520	157.436	TOP	0.028	0.044	0.052	0.671
	PERPENDICULAR TO ALIGNMENT	265002	7254698.854	607260.473	149.626	BOTTOM				
266	PARALLEL TO ALIGNMENT	266000	7254699.169	607261.268	158.892	TOP	-0.073	-0.006	0.073	0.827
	PERPENDICULAR TO ALIGNMENT	266002	7254699.261	607261.275	150.062	BOTTOM				
267	PARALLEL TO ALIGNMENT	267000	7254699.533	607261.995	158.394	TOP	0.011	0.043	0.044	0.514
	PERPENDICULAR TO ALIGNMENT	267002	7254699.520	607261.943	149.754	BOTTOM				
268	PARALLEL TO ALIGNMENT	268000	7254699.858	607262.749	158.407	TOP	-0.062	0.004	0.062	0.726
	PERPENDICULAR TO ALIGNMENT	268002	7254699.932	607262.744	149.857	BOTTOM				
269	PARALLEL TO ALIGNMENT	269000	7254700.196	607263.454	159.088	TOP	-0.035	0.015	0.038	0.452
	PERPENDICULAR TO ALIGNMENT	269002	7254700.243	607263.434	150.568	BOTTOM				
270	PARALLEL TO ALIGNMENT	270000	7254700.564	607264.198	157.833	TOP	0.017	-0.045	0.048	0.637
	PERPENDICULAR TO ALIGNMENT	270002	7254700.545	607264.249	150.233	BOTTOM				
271	PARALLEL TO ALIGNMENT	271000	7254700.861	607264.868	158.541	TOP	-0.010	0.012	0.015	0.182
	PERPENDICULAR TO ALIGNMENT	271002	7254700.873	607264.853	150.121	BOTTOM				
272	PARALLEL TO ALIGNMENT	272000	7254701.197	607265.569	158.875	TOP	-0.017	0.032	0.036	0.399
	PERPENDICULAR TO ALIGNMENT	272002	7254701.219	607265.529	149.855	BOTTOM				
273	PARALLEL TO ALIGNMENT	273000	7254701.533	607266.362	158.169	TOP	0.001	0.038	0.038	0.464
	PERPENDICULAR TO ALIGNMENT	273002	7254701.531	607266.317	149.939	BOTTOM				
274	PARALLEL TO ALIGNMENT	274000	7254701.831	607267.057	158.463	TOP	-0.023	-0.053	0.058	0.672
	PERPENDICULAR TO ALIGNMENT	274002	7254701.859	607267.121	149.873	BOTTOM				
275	PARALLEL TO ALIGNMENT	275000	7254702.142	607267.811	158.250	TOP	-0.008	-0.036	0.036	0.436

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	PERPENDICULAR TO ALIGNMENT	275002	7254702.151	607267.852	149.922	BOTTOM				
276	PARALLEL TO ALIGNMENT	276000	7254702.481	607268.492	159.107	TOP	-0.038	-0.031	0.049	0.523
	PERPENDICULAR TO ALIGNMENT	276002	7254702.530	607268.532	149.737	BOTTOM				
277	PARALLEL TO ALIGNMENT	277000	7254702.830	607269.273	157.836	TOP	-0.036	0.040	0.054	0.682
	PERPENDICULAR TO ALIGNMENT	277002	7254702.870	607269.228	149.926	BOTTOM				
278	PARALLEL TO ALIGNMENT	278000	7254703.177	607269.981	158.918	TOP	0.082	-0.070	0.108	1.163
	PERPENDICULAR TO ALIGNMENT	278002	7254703.074	607270.069	149.668	BOTTOM				
279	PARALLEL TO ALIGNMENT	279000	7254703.476	607270.730	158.266	TOP	-0.021	0.017	0.027	0.348
	PERPENDICULAR TO ALIGNMENT	279002	7254703.501	607270.710	150.476	BOTTOM				
280	PARALLEL TO ALIGNMENT	280000	7254703.765	607271.470	159.008	TOP	-0.009	-0.003	0.010	0.110
	PERPENDICULAR TO ALIGNMENT	280002	7254703.776	607271.474	150.238	BOTTOM				
281	PARALLEL TO ALIGNMENT	281000	7254704.104	607272.214	158.452	TOP	-0.002	0.044	0.044	0.551
	PERPENDICULAR TO ALIGNMENT	281002	7254704.106	607272.161	150.512	BOTTOM				
282	PARALLEL TO ALIGNMENT	282000	7254704.406	607272.942	157.791	TOP	0.000	0.000	0.000	0.000
	PERPENDICULAR TO ALIGNMENT	282002	7254704.406	607272.942	150.521	BOTTOM				
283	PARALLEL TO ALIGNMENT	283000	7254704.732	607273.576	158.822	TOP	-0.003	0.008	0.009	0.111
	PERPENDICULAR TO ALIGNMENT	283002	7254704.736	607273.565	150.712	BOTTOM				
284	PARALLEL TO ALIGNMENT	284000	7254705.054	607274.316	158.412	TOP	0.010	-0.012	0.016	0.187
	PERPENDICULAR TO ALIGNMENT	284002	7254705.042	607274.331	150.042	BOTTOM				
285	PARALLEL TO ALIGNMENT	285000	7254705.388	607275.019	158.878	TOP	-0.021	-0.013	0.024	0.283
	PERPENDICULAR TO ALIGNMENT	285002	7254705.415	607275.035	150.358	BOTTOM				
286	PARALLEL TO ALIGNMENT	286000	7254705.690	607275.732	159.405	TOP	-0.040	-0.033	0.052	0.513
	PERPENDICULAR TO ALIGNMENT	286002	7254705.743	607275.775	149.235	BOTTOM				
287	PARALLEL TO ALIGNMENT	287000	7254706.005	607276.370	158.612	TOP	-0.023	0.002	0.023	0.261
	PERPENDICULAR TO ALIGNMENT	287002	7254706.033	607276.367	149.772	BOTTOM				
288	PARALLEL TO ALIGNMENT	288000	7254706.324	607277.050	157.933	TOP	0.035	-0.006	0.036	0.378
	PERPENDICULAR TO ALIGNMENT	288002	7254706.285	607277.057	148.513	BOTTOM				
289	PARALLEL TO ALIGNMENT	289000	7254706.652	607277.797	158.034	TOP	-0.009	-0.020	0.022	0.264
	PERPENDICULAR TO ALIGNMENT	289002	7254706.662	607277.819	149.774	BOTTOM				
290	PARALLEL TO ALIGNMENT	290000	7254706.946	607278.480	157.868	TOP	0.017	-0.041	0.044	0.511
	PERPENDICULAR TO ALIGNMENT	290002	7254706.928	607278.526	149.188	BOTTOM				
291	PARALLEL TO ALIGNMENT	291000	7254707.254	607279.236	158.039	TOP	0.010	0.004	0.011	0.126
	PERPENDICULAR TO ALIGNMENT	291002	7254707.242	607279.232	149.369	BOTTOM				
292	PARALLEL TO ALIGNMENT	292000	7254707.573	607279.934	158.157	TOP	-0.006	0.034	0.034	0.325
	PERPENDICULAR TO ALIGNMENT	292002	7254707.579	607279.896	147.617	BOTTOM				
293	PARALLEL TO ALIGNMENT	293000	7254707.884	607280.575	157.818	TOP	-0.007	-0.016	0.017	0.183

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	PERPENDICULAR TO ALIGNMENT	293002	7254707.892	607280.592	148.448	BOTTOM				
294	PARALLEL TO ALIGNMENT	294000	7254708.192	607281.272	159.555	TOP	0.007	0.057	0.057	0.496
	PERPENDICULAR TO ALIGNMENT	294002	7254708.183	607281.199	148.035	BOTTOM				
295	PARALLEL TO ALIGNMENT	295000	7254708.438	607281.946	158.906	TOP	-0.016	0.007	0.017	0.165
	PERPENDICULAR TO ALIGNMENT	295002	7254708.458	607281.937	148.386	BOTTOM				
296	PARALLEL TO ALIGNMENT	296000	7254708.768	607282.628	158.260	TOP	0.047	0.019	0.051	0.501
	PERPENDICULAR TO ALIGNMENT	296002	7254708.714	607282.606	148.190	BOTTOM				
297	PARALLEL TO ALIGNMENT	297000	7254709.136	607283.274	158.052	TOP	-0.012	-0.005	0.013	0.127
	PERPENDICULAR TO ALIGNMENT	297002	7254709.149	607283.279	148.142	BOTTOM				
298	PARALLEL TO ALIGNMENT	298000	7254709.413	607283.953	157.890	TOP	0.079	-0.010	0.080	0.757
	PERPENDICULAR TO ALIGNMENT	298002	7254709.327	607283.964	147.370	BOTTOM				
299	PARALLEL TO ALIGNMENT	299000	7254709.738	607284.645	157.680	TOP	-0.035	0.016	0.038	0.380
	PERPENDICULAR TO ALIGNMENT	299002	7254709.776	607284.628	147.610	BOTTOM				
300	PARALLEL TO ALIGNMENT	300000	7254710.049	607285.344	158.322	TOP	0.038	-0.038	0.053	0.476
	PERPENDICULAR TO ALIGNMENT	300002	7254710.006	607285.387	147.152	BOTTOM				
301	PARALLEL TO ALIGNMENT	301000	7254710.314	607285.989	158.302	TOP	-0.023	-0.050	0.055	0.528
	PERPENDICULAR TO ALIGNMENT	301002	7254710.340	607286.046	147.892	BOTTOM				
302	PARALLEL TO ALIGNMENT	302000	7254710.600	607286.702	158.388	TOP	0.104	0.018	0.105	0.956
	PERPENDICULAR TO ALIGNMENT	302002	7254710.481	607286.681	147.368	BOTTOM				
303	PARALLEL TO ALIGNMENT	303000	7254710.910	607287.414	158.061	TOP	-0.051	-0.021	0.055	0.517
	PERPENDICULAR TO ALIGNMENT	303002	7254710.966	607287.437	147.501	BOTTOM				
304	PARALLEL TO ALIGNMENT	304000	7254711.259	607288.081	158.872	TOP	-0.049	0.059	0.077	0.646
	PERPENDICULAR TO ALIGNMENT	304002	7254711.318	607288.011	146.992	BOTTOM				
305	PARALLEL TO ALIGNMENT	305000	7254711.537	607288.749	157.964	TOP	0.016	-0.061	0.064	0.586
	PERPENDICULAR TO ALIGNMENT	305002	7254711.519	607288.816	147.114	BOTTOM				
306	PARALLEL TO ALIGNMENT	306000	7254711.837	607289.440	158.201	TOP	0.070	-0.127	0.145	1.349
	PERPENDICULAR TO ALIGNMENT	306002	7254711.758	607289.583	147.441	BOTTOM				
307	PARALLEL TO ALIGNMENT	307000	7254712.153	607290.074	157.937	TOP	0.000	0.000	0.000	0.000
	PERPENDICULAR TO ALIGNMENT	307002	7254712.153	607290.074	147.367	BOTTOM				
308	PARALLEL TO ALIGNMENT	308000	7254712.475	607290.803	158.973	TOP	-0.022	-0.024	0.033	0.266
	PERPENDICULAR TO ALIGNMENT	308002	7254712.501	607290.831	146.703	BOTTOM				
309	PARALLEL TO ALIGNMENT	309000	7254712.744	607291.483	159.131	TOP	-0.025	-0.078	0.082	0.669
	PERPENDICULAR TO ALIGNMENT	309002	7254712.774	607291.578	146.871	BOTTOM				
310	PARALLEL TO ALIGNMENT	310000	7254713.077	607292.194	158.222	TOP	-0.043	0.031	0.053	0.462
	PERPENDICULAR TO ALIGNMENT	310002	7254713.125	607292.160	146.792	BOTTOM				
311	PARALLEL TO ALIGNMENT	311000	7254713.370	607292.871	159.479	TOP	-0.004	-0.009	0.010	0.081

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	PERPENDICULAR TO ALIGNMENT	311002	7254713.376	607292.882	146.809	BOTTOM				
312	PARALLEL TO ALIGNMENT	312000	7254713.686	607293.547	158.293	TOP	-0.004	-0.034	0.034	0.284
	PERPENDICULAR TO ALIGNMENT	312002	7254713.691	607293.585	146.253	BOTTOM				
313	PARALLEL TO ALIGNMENT	313000	7254714.010	607294.216	158.138	TOP	-0.015	-0.061	0.063	0.552
	PERPENDICULAR TO ALIGNMENT	313002	7254714.026	607294.284	146.668	BOTTOM				
314	PARALLEL TO ALIGNMENT	314000	7254714.365	607294.937	157.736	TOP	-0.020	-0.017	0.026	0.213
	PERPENDICULAR TO ALIGNMENT	314002	7254714.386	607294.954	145.306	BOTTOM				
315	PARALLEL TO ALIGNMENT	315000	7254714.652	607295.554	158.403	TOP	0.006	-0.015	0.016	0.127
	PERPENDICULAR TO ALIGNMENT	315002	7254714.646	607295.571	145.913	BOTTOM				
316	PARALLEL TO ALIGNMENT	316000	7254714.932	607296.262	157.817	TOP	0.024	0.027	0.036	0.297
	PERPENDICULAR TO ALIGNMENT	316002	7254714.906	607296.232	145.567	BOTTOM				
317	PARALLEL TO ALIGNMENT	317000	7254715.266	607296.940	158.603	TOP	0.034	0.022	0.041	0.316
	PERPENDICULAR TO ALIGNMENT	317002	7254715.227	607296.915	145.763	BOTTOM				
318	PARALLEL TO ALIGNMENT	318000	7254715.543	607297.648	157.818	TOP	0.017	-0.164	0.164	1.303
	PERPENDICULAR TO ALIGNMENT	318002	7254715.524	607297.823	145.198	BOTTOM				
319	PARALLEL TO ALIGNMENT	319000	7254715.885	607298.293	158.214	TOP	0.017	-0.100	0.101	0.673
	PERPENDICULAR TO ALIGNMENT	319002	7254715.866	607298.402	143.134	BOTTOM				
320	PARALLEL TO ALIGNMENT	320000	7254716.195	607299.003	158.905	TOP	0.010	0.026	0.028	0.177
	PERPENDICULAR TO ALIGNMENT	320002	7254716.184	607298.972	142.915	BOTTOM				
321	PARALLEL TO ALIGNMENT	321000	7254716.496	607299.663	158.136	TOP	-0.067	0.043	0.079	0.645
	PERPENDICULAR TO ALIGNMENT	321002	7254716.569	607299.616	145.826	BOTTOM				
322	PARALLEL TO ALIGNMENT	322000	7254716.763	607300.358	159.913	TOP	0.024	0.020	0.031	0.185
	PERPENDICULAR TO ALIGNMENT	322002	7254716.734	607300.334	143.243	BOTTOM				
323	PARALLEL TO ALIGNMENT	323000	7254717.065	607301.032	157.909	TOP	0.059	0.002	0.059	0.427
	PERPENDICULAR TO ALIGNMENT	323002	7254717.002	607301.030	144.139	BOTTOM				
324	PARALLEL TO ALIGNMENT	324000	7254717.355	607301.757	158.874	TOP	0.021	0.105	0.107	0.722
	PERPENDICULAR TO ALIGNMENT	324002	7254717.331	607301.636	144.014	BOTTOM				
325	PARALLEL TO ALIGNMENT	325000	7254717.677	607302.478	157.524	TOP	-0.020	0.009	0.022	0.191
	PERPENDICULAR TO ALIGNMENT	325002	7254717.698	607302.468	145.824	BOTTOM				
326	PARALLEL TO ALIGNMENT	326000	7254718.018	607303.097	158.726	TOP	0.047	-0.071	0.085	0.631
	PERPENDICULAR TO ALIGNMENT	326002	7254717.965	607303.179	145.226	BOTTOM				
327	PARALLEL TO ALIGNMENT	327000	7254718.306	607303.815	159.320	TOP	-0.014	-0.033	0.036	0.255
	PERPENDICULAR TO ALIGNMENT	327002	7254718.323	607303.854	145.330	BOTTOM				
328	PARALLEL TO ALIGNMENT	328000	7254718.593	607304.469	158.171	TOP	0.005	-0.016	0.017	0.130
	PERPENDICULAR TO ALIGNMENT	328002	7254718.587	607304.487	145.051	BOTTOM				
329	PARALLEL TO ALIGNMENT	329000	7254718.956	607305.148	157.899	TOP	-0.035	-0.022	0.042	0.340

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	PERPENDICULAR TO ALIGNMENT	329002	7254718.994	607305.172	145.609	BOTTOM				
330	PARALLEL TO ALIGNMENT	330000	7254719.249	607305.865	158.651	TOP	-0.045	-0.038	0.059	0.400
	PERPENDICULAR TO ALIGNMENT	330002	7254719.300	607305.907	143.951	BOTTOM				
331	PARALLEL TO ALIGNMENT	331000	7254719.526	607306.561	158.071	TOP	-0.035	-0.013	0.037	0.265
	PERPENDICULAR TO ALIGNMENT	331002	7254719.564	607306.575	144.041	BOTTOM				
332	PARALLEL TO ALIGNMENT	332000	7254719.776	607307.244	158.169	TOP	-0.105	-0.093	0.140	1.031
	PERPENDICULAR TO ALIGNMENT	332002	7254719.891	607307.345	144.559	BOTTOM				
333	PARALLEL TO ALIGNMENT	333000	7254720.140	607307.948	158.619	TOP	-0.043	0.019	0.047	0.355
	PERPENDICULAR TO ALIGNMENT	333002	7254720.189	607307.926	145.359	BOTTOM				
334	PARALLEL TO ALIGNMENT	334000	7254720.469	607308.640	158.749	TOP	-0.050	-0.078	0.092	0.627
	PERPENDICULAR TO ALIGNMENT	334002	7254720.526	607308.728	143.999	BOTTOM				
335	PARALLEL TO ALIGNMENT	335000	7254720.760	607309.268	157.968	TOP	-0.001	0.030	0.030	0.211
	PERPENDICULAR TO ALIGNMENT	335002	7254720.762	607309.236	143.838	BOTTOM				
336	PARALLEL TO ALIGNMENT	336000	7254721.094	607309.955	157.838	TOP	0.024	0.019	0.031	0.211
	PERPENDICULAR TO ALIGNMENT	336002	7254721.069	607309.934	143.408	BOTTOM				
337	PARALLEL TO ALIGNMENT	337000	7254721.390	607310.647	157.341	TOP	0.016	0.006	0.017	0.140
	PERPENDICULAR TO ALIGNMENT	337002	7254721.374	607310.641	145.351	BOTTOM				
338	PARALLEL TO ALIGNMENT	338000	7254721.719	607311.362	157.879	TOP	-0.008	-0.049	0.050	0.386
	PERPENDICULAR TO ALIGNMENT	338002	7254721.727	607311.414	145.029	BOTTOM				
339	PARALLEL TO ALIGNMENT	339000	7254722.013	607312.016	157.683	TOP	-0.055	0.052	0.076	0.608
	PERPENDICULAR TO ALIGNMENT	339002	7254722.072	607311.962	145.233	BOTTOM				
340	PARALLEL TO ALIGNMENT	340000	7254722.306	607312.694	158.038	TOP	-0.046	0.047	0.066	0.497
	PERPENDICULAR TO ALIGNMENT	340002	7254722.356	607312.643	144.768	BOTTOM				
341	PARALLEL TO ALIGNMENT	341000	7254722.647	607313.382	157.258	TOP	-0.098	-0.009	0.098	0.806
	PERPENDICULAR TO ALIGNMENT	341002	7254722.747	607313.390	145.088	BOTTOM				
342	PARALLEL TO ALIGNMENT	342000	7254722.905	607314.057	158.042	TOP	0.058	-0.013	0.059	0.392
	PERPENDICULAR TO ALIGNMENT	342002	7254722.843	607314.070	142.962	BOTTOM				
343	PARALLEL TO ALIGNMENT	343000	7254723.220	607314.737	157.687	TOP	-0.025	-0.020	0.032	0.217
	PERPENDICULAR TO ALIGNMENT	343002	7254723.246	607314.758	142.937	BOTTOM				
344	PARALLEL TO ALIGNMENT	344000	7254723.503	607315.428	158.561	TOP	-0.030	-0.034	0.045	0.286
	PERPENDICULAR TO ALIGNMENT	344002	7254723.536	607315.465	142.671	BOTTOM				
345	PARALLEL TO ALIGNMENT	345000	7254723.819	607316.116	157.636	TOP	-0.039	-0.025	0.046	0.347
	PERPENDICULAR TO ALIGNMENT	345002	7254723.859	607316.141	144.386	BOTTOM				
346	PARALLEL TO ALIGNMENT	346000	7254724.092	607316.794	159.027	TOP	-0.023	-0.055	0.060	0.355
	PERPENDICULAR TO ALIGNMENT	346002	7254724.119	607316.857	142.047	BOTTOM				
347	PARALLEL TO ALIGNMENT	347000	7254724.462	607317.494	157.761	TOP	-0.050	0.072	0.088	0.562

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	PERPENDICULAR TO ALIGNMENT	347002	7254724.515	607317.418	142.161	BOTTOM				
348	PARALLEL TO ALIGNMENT	348000	7254724.779	607318.136	158.517	TOP	0.056	0.009	0.056	0.330
	PERPENDICULAR TO ALIGNMENT	348002	7254724.718	607318.127	141.447	BOTTOM				
349	PARALLEL TO ALIGNMENT	349000	7254725.097	607318.847	158.185	TOP	0.110	0.053	0.122	0.737
	PERPENDICULAR TO ALIGNMENT	349002	7254724.978	607318.789	141.585	BOTTOM				
350	PARALLEL TO ALIGNMENT	350000	7254725.380	607319.554	157.988	TOP	-0.129	-0.025	0.132	0.811
	PERPENDICULAR TO ALIGNMENT	350002	7254725.518	607319.581	141.738	BOTTOM				
351	PARALLEL TO ALIGNMENT	351000	7254725.678	607320.250	157.675	TOP	-0.013	-0.027	0.030	0.195
	PERPENDICULAR TO ALIGNMENT	351002	7254725.692	607320.278	142.325	BOTTOM				
352	PARALLEL TO ALIGNMENT	352000	7254726.030	607320.954	158.005	TOP	-0.094	0.008	0.094	0.599
	PERPENDICULAR TO ALIGNMENT	352002	7254726.130	607320.946	142.275	BOTTOM				
353	PARALLEL TO ALIGNMENT	353000	7254726.304	607321.598	157.910	TOP	0.021	-0.025	0.033	0.213
	PERPENDICULAR TO ALIGNMENT	353002	7254726.282	607321.625	142.530	BOTTOM				
354	PARALLEL TO ALIGNMENT	354000	7254726.579	607322.284	158.983	TOP	0.001	-0.036	0.036	0.201
	PERPENDICULAR TO ALIGNMENT	354002	7254726.578	607322.325	140.853	BOTTOM				
355	PARALLEL TO ALIGNMENT	355000	7254726.898	607322.983	158.158	TOP	0.002	0.121	0.121	0.715
	PERPENDICULAR TO ALIGNMENT	355002	7254726.895	607322.853	141.238	BOTTOM				
356	PARALLEL TO ALIGNMENT	356000	7254727.227	607323.670	158.339	TOP	-0.082	0.017	0.084	0.473
	PERPENDICULAR TO ALIGNMENT	356002	7254727.316	607323.651	140.569	BOTTOM				
357	PARALLEL TO ALIGNMENT	357000	7254727.575	607324.347	157.575	TOP	0.110	-0.032	0.114	0.689
	PERPENDICULAR TO ALIGNMENT	357002	7254727.461	607324.380	141.005	BOTTOM				
358	PARALLEL TO ALIGNMENT	358000	7254727.864	607325.003	158.437	TOP	-0.135	-0.046	0.142	0.790
	PERPENDICULAR TO ALIGNMENT	358002	7254728.010	607325.053	140.417	BOTTOM				
359	PARALLEL TO ALIGNMENT	359000	7254728.134	607325.742	158.678	TOP	0.037	0.001	0.037	0.207
	PERPENDICULAR TO ALIGNMENT	359002	7254728.092	607325.741	140.588	BOTTOM				
360	PARALLEL TO ALIGNMENT	360000	7254728.463	607326.398	158.608	TOP	0.041	-0.038	0.056	0.291
	PERPENDICULAR TO ALIGNMENT	360002	7254728.418	607326.439	139.438	BOTTOM				
361	PARALLEL TO ALIGNMENT	361000	7254728.729	607327.086	157.774	TOP	0.034	-0.054	0.064	0.350
	PERPENDICULAR TO ALIGNMENT	361002	7254728.693	607327.143	139.414	BOTTOM				
362	PARALLEL TO ALIGNMENT	362000	7254728.998	607327.746	158.592	TOP	-0.024	-0.009	0.025	0.131
	PERPENDICULAR TO ALIGNMENT	362002	7254729.024	607327.756	139.272	BOTTOM				
363	PARALLEL TO ALIGNMENT	363000	7254729.336	607328.449	157.964	TOP	-0.078	0.129	0.151	0.826
	PERPENDICULAR TO ALIGNMENT	363002	7254729.418	607328.313	139.694	BOTTOM				
364	PARALLEL TO ALIGNMENT	364000	7254729.640	607329.139	157.948	TOP	0.082	0.060	0.101	0.558
	PERPENDICULAR TO ALIGNMENT	364002	7254729.554	607329.076	139.768	BOTTOM				
365	PARALLEL TO ALIGNMENT	365000	7254730.005	607329.806	157.845	TOP	0.093	0.083	0.124	0.936

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	PERPENDICULAR TO ALIGNMENT	365002	7254729.906	607329.717	144.555	BOTTOM				
366	PARALLEL TO ALIGNMENT	366000	7254730.250	607330.530	158.279	TOP	-0.032	-0.070	0.076	0.547
	PERPENDICULAR TO ALIGNMENT	366002	7254730.285	607330.606	144.309	BOTTOM				
367	PARALLEL TO ALIGNMENT	367000	7254730.580	607331.186	158.693	TOP	0.016	-0.068	0.070	0.560
	PERPENDICULAR TO ALIGNMENT	367002	7254730.561	607331.265	146.253	BOTTOM				
368	PARALLEL TO ALIGNMENT	368000	7254730.898	607331.858	158.289	TOP	-0.062	0.002	0.062	0.486
	PERPENDICULAR TO ALIGNMENT	368002	7254730.967	607331.856	145.499	BOTTOM				
369	PARALLEL TO ALIGNMENT	369000	7254731.176	607332.579	158.118	TOP	-0.046	-0.025	0.052	0.458
	PERPENDICULAR TO ALIGNMENT	369002	7254731.227	607332.607	146.658	BOTTOM				
370	PARALLEL TO ALIGNMENT	370000	7254731.466	607333.270	158.209	TOP	-0.027	0.024	0.036	0.286
	PERPENDICULAR TO ALIGNMENT	370002	7254731.495	607333.243	145.589	BOTTOM				
371	PARALLEL TO ALIGNMENT	371000	7254731.744	607333.934	158.523	TOP	-0.007	0.041	0.042	0.325
	PERPENDICULAR TO ALIGNMENT	371002	7254731.752	607333.887	145.703	BOTTOM				
372	PARALLEL TO ALIGNMENT	372000	7254732.073	607334.580	158.902	TOP	0.023	-0.035	0.042	0.310
	PERPENDICULAR TO ALIGNMENT	372002	7254732.047	607334.620	145.502	BOTTOM				
373	PARALLEL TO ALIGNMENT	373000	7254732.390	607335.275	157.609	TOP	-0.037	-0.030	0.047	0.431
	PERPENDICULAR TO ALIGNMENT	373002	7254732.428	607335.307	146.609	BOTTOM				
374	PARALLEL TO ALIGNMENT	374000	7254732.679	607335.956	157.893	TOP	-0.016	0.041	0.044	0.395
	PERPENDICULAR TO ALIGNMENT	374002	7254732.696	607335.911	146.723	BOTTOM				
374b	PARALLEL TO ALIGNMENT	374005	7254733.145	607336.916	159.403	TOP	-0.090	-0.006	0.091	0.730
	PERPENDICULAR TO ALIGNMENT	374007	7254733.257	607336.924	146.983	BOTTOM				
375	PARALLEL TO ALIGNMENT	375000	7254733.017	607336.632	158.065	TOP	-0.014	-0.006	0.015	0.131
	PERPENDICULAR TO ALIGNMENT	375002	7254733.033	607336.638	146.445	BOTTOM				
376	PARALLEL TO ALIGNMENT	376000	7254733.324	607337.338	158.370	TOP	-0.040	-0.015	0.043	0.375
	PERPENDICULAR TO ALIGNMENT	376002	7254733.369	607337.355	146.960	BOTTOM				
377	PARALLEL TO ALIGNMENT	377000	7254733.654	607338.030	157.291	TOP	0.005	-0.013	0.014	0.140
	PERPENDICULAR TO ALIGNMENT	377002	7254733.649	607338.043	147.151	BOTTOM				
378	PARALLEL TO ALIGNMENT	378000	7254733.952	607338.730	158.034	TOP	0.002	0.060	0.060	0.501
	PERPENDICULAR TO ALIGNMENT	378002	7254733.950	607338.665	146.124	BOTTOM				
379	PARALLEL TO ALIGNMENT	379000	7254734.255	607339.371	158.216	TOP	-0.023	-0.026	0.035	0.287
	PERPENDICULAR TO ALIGNMENT	379002	7254734.280	607339.400	146.116	BOTTOM				
380	PARALLEL TO ALIGNMENT	380000	7254734.574	607340.058	157.792	TOP	-0.043	-0.017	0.046	0.397
	PERPENDICULAR TO ALIGNMENT	380002	7254734.620	607340.076	146.102	BOTTOM				
381	PARALLEL TO ALIGNMENT	381000	7254734.837	607340.778	158.057	TOP	-0.038	-0.032	0.050	0.414
	PERPENDICULAR TO ALIGNMENT	381002	7254734.878	607340.812	146.087	BOTTOM				
382	PARALLEL TO ALIGNMENT	382000	7254735.174	607341.450	158.055	TOP	-0.006	0.017	0.018	0.133

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	PERPENDICULAR TO ALIGNMENT	382002	7254735.181	607341.432	144.465	BOTTOM				
383	PARALLEL TO ALIGNMENT	383000	7254735.449	607342.136	158.036	TOP	-0.018	0.021	0.027	0.208
	PERPENDICULAR TO ALIGNMENT	383002	7254735.468	607342.113	145.016	BOTTOM				
384	PARALLEL TO ALIGNMENT	384000	7254735.766	607342.881	157.908	TOP	0.009	-0.070	0.071	0.544
	PERPENDICULAR TO ALIGNMENT	384002	7254735.756	607342.957	144.898	BOTTOM				
385	PARALLEL TO ALIGNMENT	385000	7254736.024	607343.570	158.190	TOP	-0.043	-0.007	0.043	0.334
	PERPENDICULAR TO ALIGNMENT	385002	7254736.071	607343.578	145.210	BOTTOM				
386	PARALLEL TO ALIGNMENT	386000	7254736.330	607344.291	158.679	TOP	0.005	0.011	0.012	0.090
	PERPENDICULAR TO ALIGNMENT	386002	7254736.324	607344.278	144.819	BOTTOM				
387	PARALLEL TO ALIGNMENT	387000	7254736.604	607344.951	157.974	TOP	0.048	-0.072	0.087	0.670
	PERPENDICULAR TO ALIGNMENT	387002	7254736.552	607345.029	145.054	BOTTOM				
388	PARALLEL TO ALIGNMENT	388000	7254736.861	607345.685	159.387	TOP	0.049	0.012	0.051	0.346
	PERPENDICULAR TO ALIGNMENT	388002	7254736.801	607345.670	144.667	BOTTOM				
389	PARALLEL TO ALIGNMENT	389000	7254737.120	607346.331	157.610	TOP	0.032	-0.003	0.032	0.304
	PERPENDICULAR TO ALIGNMENT	389002	7254737.086	607346.334	147.040	BOTTOM				
390	PARALLEL TO ALIGNMENT	390000	7254737.384	607347.022	157.833	TOP	-0.055	-0.057	0.079	0.709
	PERPENDICULAR TO ALIGNMENT	390002	7254737.443	607347.083	146.713	BOTTOM				
391	PARALLEL TO ALIGNMENT	391000	7254737.634	607347.749	159.216	TOP	-0.051	0.018	0.054	0.415
	PERPENDICULAR TO ALIGNMENT	391002	7254737.695	607347.726	146.246	BOTTOM				
392	PARALLEL TO ALIGNMENT	392000	7254737.906	607348.455	158.186	TOP	0.057	0.060	0.083	0.688
	PERPENDICULAR TO ALIGNMENT	392002	7254737.842	607348.388	146.126	BOTTOM				
393	PARALLEL TO ALIGNMENT	393000	7254738.164	607349.126	158.407	TOP	-0.052	-0.012	0.054	0.448
	PERPENDICULAR TO ALIGNMENT	393002	7254738.223	607349.140	146.407	BOTTOM				
394	PARALLEL TO ALIGNMENT	394000	7254738.424	607349.876	157.836	TOP	-0.041	-0.020	0.046	0.395
	PERPENDICULAR TO ALIGNMENT	394002	7254738.468	607349.898	146.246	BOTTOM				
395	PARALLEL TO ALIGNMENT	395000	7254738.698	607350.535	159.134	TOP	-0.074	-0.021	0.076	0.603
	PERPENDICULAR TO ALIGNMENT	395002	7254738.786	607350.560	146.444	BOTTOM				
396	PARALLEL TO ALIGNMENT	396000	7254738.947	607351.284	158.061	TOP	0.011	-0.004	0.011	0.091
	PERPENDICULAR TO ALIGNMENT	396002	7254738.936	607351.288	145.891	BOTTOM				
397	PARALLEL TO ALIGNMENT	397000	7254739.182	607351.978	157.223	TOP	-0.084	0.002	0.084	0.754
	PERPENDICULAR TO ALIGNMENT	397002	7254739.267	607351.976	146.153	BOTTOM				
398	PARALLEL TO ALIGNMENT	398000	7254739.407	607352.693	157.720	TOP	-0.061	0.070	0.093	0.769
	PERPENDICULAR TO ALIGNMENT	398002	7254739.472	607352.619	145.650	BOTTOM				
399	PARALLEL TO ALIGNMENT	399000	7254739.672	607353.383	157.973	TOP	0.014	0.007	0.016	0.131
	PERPENDICULAR TO ALIGNMENT	399002	7254739.657	607353.375	145.943	BOTTOM				
400	PARALLEL TO ALIGNMENT	400000	7254739.894	607354.082	157.566	TOP	-0.041	0.050	0.065	0.557

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	PERPENDICULAR TO ALIGNMENT	400002	7254739.938	607354.029	145.976	BOTTOM				
401	PARALLEL TO ALIGNMENT	401000	7254740.162	607354.808	158.461	TOP	0.054	0.059	0.080	0.676
	PERPENDICULAR TO ALIGNMENT	401002	7254740.100	607354.741	146.631	BOTTOM				
402	PARALLEL TO ALIGNMENT	402000	7254740.423	607355.576	157.835	TOP	-0.023	-0.003	0.023	0.209
	PERPENDICULAR TO ALIGNMENT	402002	7254740.448	607355.579	146.645	BOTTOM				
403	PARALLEL TO ALIGNMENT	403000	7254740.707	607356.235	158.945	TOP	-0.014	-0.037	0.040	0.336
	PERPENDICULAR TO ALIGNMENT	403002	7254740.723	607356.279	147.115	BOTTOM				
404	PARALLEL TO ALIGNMENT	404000	7254740.904	607356.950	157.755	TOP	0.035	0.035	0.050	0.420
	PERPENDICULAR TO ALIGNMENT	404002	7254740.867	607356.912	145.965	BOTTOM				
405	PARALLEL TO ALIGNMENT	405000	7254741.131	607357.666	157.579	TOP	-0.027	-0.015	0.031	0.270
	PERPENDICULAR TO ALIGNMENT	405002	7254741.159	607357.681	146.259	BOTTOM				
406	PARALLEL TO ALIGNMENT	406000	7254741.309	607358.381	157.601	TOP	0.024	0.041	0.048	0.400
	PERPENDICULAR TO ALIGNMENT	406002	7254741.283	607358.337	145.601	BOTTOM				
407	PARALLEL TO ALIGNMENT	407000	7254741.541	607359.091	158.880	TOP	0.017	0.018	0.025	0.193
	PERPENDICULAR TO ALIGNMENT	407002	7254741.521	607359.070	145.830	BOTTOM				
408	PARALLEL TO ALIGNMENT	408000	7254741.768	607359.770	157.609	TOP	-0.009	0.092	0.093	0.729
	PERPENDICULAR TO ALIGNMENT	408002	7254741.778	607359.673	144.919	BOTTOM				
409	PARALLEL TO ALIGNMENT	409000	7254742.004	607360.487	157.574	TOP	-0.047	0.054	0.072	0.570
	PERPENDICULAR TO ALIGNMENT	409002	7254742.053	607360.431	145.004	BOTTOM				
410	PARALLEL TO ALIGNMENT	410000	7254742.258	607361.245	157.835	TOP	-0.009	-0.036	0.037	0.285
	PERPENDICULAR TO ALIGNMENT	410002	7254742.267	607361.284	144.805	BOTTOM				
411	PARALLEL TO ALIGNMENT	411000	7254742.432	607361.913	157.563	TOP	-0.030	0.022	0.037	0.304
	PERPENDICULAR TO ALIGNMENT	411002	7254742.464	607361.890	145.323	BOTTOM				
412	PARALLEL TO ALIGNMENT	412000	7254742.643	607362.685	158.398	TOP	-0.028	-0.005	0.028	0.202
	PERPENDICULAR TO ALIGNMENT	412002	7254742.674	607362.690	144.328	BOTTOM				
413	PARALLEL TO ALIGNMENT	413000	7254742.878	607363.372	157.687	TOP	-0.061	0.017	0.063	0.484
	PERPENDICULAR TO ALIGNMENT	413002	7254742.942	607363.354	144.627	BOTTOM				
414	PARALLEL TO ALIGNMENT	414000	7254743.105	607364.087	158.846	TOP	-0.053	0.001	0.053	0.362
	PERPENDICULAR TO ALIGNMENT	414002	7254743.165	607364.085	144.336	BOTTOM				
415	PARALLEL TO ALIGNMENT	415000	7254743.326	607364.853	157.576	TOP	-0.005	0.024	0.024	0.213
	PERPENDICULAR TO ALIGNMENT	415002	7254743.331	607364.828	146.106	BOTTOM				
416	PARALLEL TO ALIGNMENT	416000	7254743.520	607365.614	158.308	TOP	-0.037	-0.046	0.059	0.485
	PERPENDICULAR TO ALIGNMENT	416002	7254743.561	607365.666	146.088	BOTTOM				
417	PARALLEL TO ALIGNMENT	417000	7254743.715	607366.284	157.708	TOP	0.001	-0.031	0.031	0.299
	PERPENDICULAR TO ALIGNMENT	417002	7254743.714	607366.317	147.338	BOTTOM				
418	PARALLEL TO ALIGNMENT	418000	7254743.862	607366.996	157.665	TOP	-0.032	0.005	0.033	0.288
	PERPENDICULAR TO ALIGNMENT	418002	7254743.896	607366.990	146.305	BOTTOM				

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419	PARALLEL TO ALIGNMENT	419000	7254744.101	607367.755	157.647	TOP	0.059	0.017	0.062	0.553
	PERPENDICULAR TO ALIGNMENT	419002	7254744.038	607367.737	146.477	BOTTOM				
420	PARALLEL TO ALIGNMENT	420000	7254744.267	607368.455	157.555	TOP	-0.047	0.034	0.058	0.513
	PERPENDICULAR TO ALIGNMENT	420002	7254744.316	607368.418	146.285	BOTTOM				
421	PARALLEL TO ALIGNMENT	421000	7254744.455	607369.138	157.728	TOP	-0.047	-0.060	0.077	0.716
	PERPENDICULAR TO ALIGNMENT	421002	7254744.506	607369.203	146.998	BOTTOM				
422	PARALLEL TO ALIGNMENT	422000	7254744.622	607369.864	157.774	TOP	0.012	0.008	0.015	0.133
	PERPENDICULAR TO ALIGNMENT	422002	7254744.608	607369.855	146.764	BOTTOM				
423	PARALLEL TO ALIGNMENT	423000	7254744.831	607370.647	157.750	TOP	-0.018	0.056	0.059	0.546
	PERPENDICULAR TO ALIGNMENT	423002	7254744.849	607370.587	147.010	BOTTOM				
424	PARALLEL TO ALIGNMENT	424000	7254745.029	607371.358	157.394	TOP	-0.043	0.043	0.060	0.565
	PERPENDICULAR TO ALIGNMENT	424002	7254745.073	607371.314	146.684	BOTTOM				
425	PARALLEL TO ALIGNMENT	425000	7254745.223	607372.091	157.686	TOP	-0.084	0.042	0.094	0.868
	PERPENDICULAR TO ALIGNMENT	425002	7254745.313	607372.045	146.846	BOTTOM				
426	PARALLEL TO ALIGNMENT	426000	7254745.451	607372.821	157.799	TOP	0.030	-0.007	0.031	0.281
	PERPENDICULAR TO ALIGNMENT	426002	7254745.419	607372.829	146.809	BOTTOM				
427	PARALLEL TO ALIGNMENT	427000	7254745.610	607373.527	158.026	TOP	0.019	-0.004	0.019	0.182
	PERPENDICULAR TO ALIGNMENT	427002	7254745.589	607373.532	147.386	BOTTOM				
428	PARALLEL TO ALIGNMENT	428000	7254745.729	607374.287	158.033	TOP	-0.025	0.028	0.038	0.330
	PERPENDICULAR TO ALIGNMENT	428002	7254745.757	607374.256	146.563	BOTTOM				
429	PARALLEL TO ALIGNMENT	429000	7254745.930	607374.980	158.048	TOP	0.035	-0.028	0.045	0.408
	PERPENDICULAR TO ALIGNMENT	429002	7254745.891	607375.011	147.078	BOTTOM				
430	PARALLEL TO ALIGNMENT	430000	7254746.094	607375.729	159.405	TOP	-0.002	-0.010	0.010	0.082
	PERPENDICULAR TO ALIGNMENT	430002	7254746.096	607375.742	146.835	BOTTOM				
431	PARALLEL TO ALIGNMENT	431000	7254746.259	607376.464	158.039	TOP	0.006	0.029	0.029	0.272
	PERPENDICULAR TO ALIGNMENT	431002	7254746.252	607376.432	147.339	BOTTOM				
432	PARALLEL TO ALIGNMENT	432000	7254746.426	607377.169	157.977	TOP	0.009	-0.056	0.057	0.498
	PERPENDICULAR TO ALIGNMENT	432002	7254746.416	607377.230	146.587	BOTTOM				
433	PARALLEL TO ALIGNMENT	433000	7254746.541	607377.854	158.477	TOP	0.015	-0.072	0.073	0.662
	PERPENDICULAR TO ALIGNMENT	433002	7254746.524	607377.937	147.407	BOTTOM				
434	PARALLEL TO ALIGNMENT	434000	7254746.642	607378.629	159.516	TOP	0.039	0.044	0.059	0.473
	PERPENDICULAR TO ALIGNMENT	434002	7254746.593	607378.574	147.066	BOTTOM				
435	PARALLEL TO ALIGNMENT	435000	7254746.855	607379.398	158.341	TOP	0.025	0.025	0.035	0.318
	PERPENDICULAR TO ALIGNMENT	435002	7254746.827	607379.370	147.291	BOTTOM				
436	PARALLEL TO ALIGNMENT	436000	7254746.963	607380.151	158.003	TOP	-0.069	-0.029	0.074	0.671
	PERPENDICULAR TO ALIGNMENT	436002	7254747.039	607380.182	146.933	BOTTOM				
437	PARALLEL TO ALIGNMENT	437000	7254747.115	607380.894	157.695	TOP	0.009	0.097	0.097	0.940

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	PERPENDICULAR TO ALIGNMENT	437002	7254747.105	607380.789	147.325	BOTTOM				
438	PARALLEL TO ALIGNMENT	438000	7254747.256	607381.696	158.575	TOP	0.064	0.009	0.065	0.557
	PERPENDICULAR TO ALIGNMENT	438002	7254747.182	607381.686	146.985	BOTTOM				
439	PARALLEL TO ALIGNMENT	439000	7254747.432	607382.459	158.461	TOP	0.023	0.015	0.027	0.247
	PERPENDICULAR TO ALIGNMENT	439002	7254747.406	607382.442	147.391	BOTTOM				
440	PARALLEL TO ALIGNMENT	440000	7254747.508	607383.140	158.009	TOP	0.045	-0.029	0.054	0.499
	PERPENDICULAR TO ALIGNMENT	440002	7254747.458	607383.172	147.269	BOTTOM				
441	PARALLEL TO ALIGNMENT	441000	7254747.661	607383.805	158.187	TOP	-0.039	0.006	0.040	0.362
	PERPENDICULAR TO ALIGNMENT	441002	7254747.704	607383.797	147.267	BOTTOM				
442	PARALLEL TO ALIGNMENT	442000	7254747.804	607384.528	158.338	TOP	-0.031	-0.005	0.031	0.280
	PERPENDICULAR TO ALIGNMENT	442002	7254747.839	607384.533	147.288	BOTTOM				
443	PARALLEL TO ALIGNMENT	443000	7254747.935	607385.269	158.513	TOP	-0.049	0.048	0.069	0.624
	PERPENDICULAR TO ALIGNMENT	443002	7254747.992	607385.213	147.493	BOTTOM				
444	PARALLEL TO ALIGNMENT	444000	7254748.023	607386.039	158.268	TOP	0.000	0.000	0.000	0.000
	PERPENDICULAR TO ALIGNMENT	444002	7254748.023	607386.039	147.218	BOTTOM				
445	PARALLEL TO ALIGNMENT	445000	7254748.179	607386.759	158.026	TOP	-0.066	0.001	0.066	0.639
	PERPENDICULAR TO ALIGNMENT	445002	7254748.252	607386.758	147.756	BOTTOM				
446	PARALLEL TO ALIGNMENT	446000	7254748.304	607387.508	159.485	TOP	-0.004	0.030	0.031	0.254
	PERPENDICULAR TO ALIGNMENT	446002	7254748.310	607387.469	147.345	BOTTOM				
447	PARALLEL TO ALIGNMENT	447000	7254748.435	607388.276	158.349	TOP	-0.040	-0.012	0.042	0.393
	PERPENDICULAR TO ALIGNMENT	447002	7254748.480	607388.290	147.669	BOTTOM				
448	PARALLEL TO ALIGNMENT	448000	7254748.545	607388.989	157.773	TOP	-0.002	-0.010	0.010	0.094
	PERPENDICULAR TO ALIGNMENT	448002	7254748.546	607388.999	147.513	BOTTOM				
449	PARALLEL TO ALIGNMENT	449000	7254748.681	607389.755	158.121	TOP	-0.042	0.099	0.108	1.045
	PERPENDICULAR TO ALIGNMENT	449002	7254748.728	607389.644	147.791	BOTTOM				
450	PARALLEL TO ALIGNMENT	450000	7254748.743	607390.464	158.384	TOP	-0.040	-0.003	0.040	0.368
	PERPENDICULAR TO ALIGNMENT	450002	7254748.788	607390.467	147.604	BOTTOM				
451	PARALLEL TO ALIGNMENT	451000	7254748.891	607391.225	158.577	TOP	0.017	-0.012	0.021	0.193
	PERPENDICULAR TO ALIGNMENT	451002	7254748.871	607391.239	147.707	BOTTOM				
452	PARALLEL TO ALIGNMENT	452000	7254749.044	607391.991	158.680	TOP	-0.031	-0.014	0.034	0.310
	PERPENDICULAR TO ALIGNMENT	452002	7254749.080	607392.007	147.790	BOTTOM				
453	PARALLEL TO ALIGNMENT	453000	7254749.155	607392.703	158.476	TOP	0.030	0.015	0.034	0.313
	PERPENDICULAR TO ALIGNMENT	453002	7254749.120	607392.686	147.746	BOTTOM				
454	PARALLEL TO ALIGNMENT	454000	7254749.235	607393.449	157.794	TOP	0.035	-0.024	0.043	0.416
	PERPENDICULAR TO ALIGNMENT	454002	7254749.197	607393.475	147.524	BOTTOM				
455	PARALLEL TO ALIGNMENT	455000	7254749.404	607394.188	158.732	TOP	0.031	0.014	0.034	0.307
	PERPENDICULAR TO ALIGNMENT	455002	7254749.367	607394.171	147.602	BOTTOM				

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456	PARALLEL TO ALIGNMENT	456000	7254749.502	607394.959	158.738	TOP	-0.002	-0.010	0.010	0.087
	PERPENDICULAR TO ALIGNMENT	456002	7254749.504	607394.970	147.508	BOTTOM				
457	PARALLEL TO ALIGNMENT	457000	7254749.616	607395.659	158.218	TOP	-0.020	0.049	0.053	0.517
	PERPENDICULAR TO ALIGNMENT	457002	7254749.638	607395.603	147.908	BOTTOM				
458	PARALLEL TO ALIGNMENT	458000	7254749.733	607396.381	158.735	TOP	-0.003	-0.018	0.019	0.170
	PERPENDICULAR TO ALIGNMENT	458002	7254749.736	607396.403	147.735	BOTTOM				
459	PARALLEL TO ALIGNMENT	459000	7254749.855	607397.140	157.553	TOP	0.027	-0.003	0.027	0.283
	PERPENDICULAR TO ALIGNMENT	459002	7254749.826	607397.143	147.853	BOTTOM				
460	PARALLEL TO ALIGNMENT	460000	7254749.935	607397.853	158.852	TOP	-0.002	-0.011	0.011	0.086
	PERPENDICULAR TO ALIGNMENT	460002	7254749.937	607397.866	146.512	BOTTOM				
461	PARALLEL TO ALIGNMENT	461000	7254750.056	607398.599	157.478	TOP	-0.052	-0.074	0.091	0.858
	PERPENDICULAR TO ALIGNMENT	461002	7254750.111	607398.677	146.898	BOTTOM				
462	PARALLEL TO ALIGNMENT	462000	7254750.196	607399.368	158.767	TOP	-0.057	-0.023	0.062	0.501
	PERPENDICULAR TO ALIGNMENT	462002	7254750.263	607399.395	146.447	BOTTOM				
463	PARALLEL TO ALIGNMENT	463000	7254750.281	607400.101	157.915	TOP	0.067	-0.001	0.067	0.653
	PERPENDICULAR TO ALIGNMENT	463002	7254750.207	607400.102	147.585	BOTTOM				
464	PARALLEL TO ALIGNMENT	464000	7254750.406	607400.831	157.786	TOP	-0.023	-0.016	0.028	0.263
	PERPENDICULAR TO ALIGNMENT	464002	7254750.431	607400.848	147.256	BOTTOM				
465	PARALLEL TO ALIGNMENT	465000	7254750.551	607401.593	158.030	TOP	-0.012	0.093	0.094	0.942
	PERPENDICULAR TO ALIGNMENT	465002	7254750.564	607401.489	148.070	BOTTOM				
466	PARALLEL TO ALIGNMENT	466000	7254750.661	607402.324	158.146	TOP	0.014	0.028	0.031	0.288
	PERPENDICULAR TO ALIGNMENT	466002	7254750.645	607402.292	147.326	BOTTOM				
467	PARALLEL TO ALIGNMENT	467000	7254750.809	607403.061	157.460	TOP	0.024	0.033	0.041	0.429
	PERPENDICULAR TO ALIGNMENT	467002	7254750.784	607403.026	147.870	BOTTOM				
468	PARALLEL TO ALIGNMENT	468000	7254750.940	607403.771	157.464	TOP	0.005	-0.030	0.030	0.302
	PERPENDICULAR TO ALIGNMENT	468002	7254750.935	607403.802	147.394	BOTTOM				
469	PARALLEL TO ALIGNMENT	469000	7254751.028	607404.545	158.192	TOP	0.011	-0.049	0.050	0.481
	PERPENDICULAR TO ALIGNMENT	469002	7254751.016	607404.600	147.732	BOTTOM				
470	PARALLEL TO ALIGNMENT	470000	7254751.140	607405.297	158.798	TOP	0.054	-0.006	0.054	0.438
	PERPENDICULAR TO ALIGNMENT	470002	7254751.077	607405.304	146.408	BOTTOM				
471	PARALLEL TO ALIGNMENT	471000	7254751.257	607406.009	157.337	TOP	0.007	0.041	0.041	0.388
	PERPENDICULAR TO ALIGNMENT	471002	7254751.250	607405.967	146.667	BOTTOM				
472	PARALLEL TO ALIGNMENT	472000	7254751.399	607406.761	158.074	TOP	-0.007	-0.043	0.043	0.371
	PERPENDICULAR TO ALIGNMENT	472002	7254751.407	607406.808	146.394	BOTTOM				
473	PARALLEL TO ALIGNMENT	473000	7254751.543	607407.450	158.241	TOP	0.006	0.037	0.038	0.354
	PERPENDICULAR TO ALIGNMENT	473002	7254751.537	607407.408	147.621	BOTTOM				

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474	PARALLEL TO ALIGNMENT	474000	7254751.636	607408.210	157.559	TOP	-0.077	-0.016	0.079	0.741
	PERPENDICULAR TO ALIGNMENT	474002	7254751.717	607408.227	146.899	BOTTOM				
475	PARALLEL TO ALIGNMENT	475000	7254751.796	607408.935	157.523	TOP	0.075	0.063	0.098	1.011
	PERPENDICULAR TO ALIGNMENT	475002	7254751.717	607408.868	147.853	BOTTOM				
476	PARALLEL TO ALIGNMENT	476000	7254751.899	607409.697	157.740	TOP	0.029	-0.005	0.029	0.283
	PERPENDICULAR TO ALIGNMENT	476002	7254751.868	607409.703	147.440	BOTTOM				
477	PARALLEL TO ALIGNMENT	477000	7254752.009	607410.465	158.551	TOP	-0.014	0.031	0.034	0.311
	PERPENDICULAR TO ALIGNMENT	477002	7254752.025	607410.430	147.721	BOTTOM				
478	PARALLEL TO ALIGNMENT	478000	7254752.109	607411.156	158.899	TOP	-0.022	-0.016	0.028	0.241
	PERPENDICULAR TO ALIGNMENT	478002	7254752.135	607411.175	147.429	BOTTOM				
479	PARALLEL TO ALIGNMENT	479000	7254752.215	607411.914	157.801	TOP	0.034	-0.024	0.042	0.413
	PERPENDICULAR TO ALIGNMENT	479002	7254752.178	607411.940	147.591	BOTTOM				
480	PARALLEL TO ALIGNMENT	480000	7254752.297	607412.606	158.439	TOP	0.011	-0.052	0.053	0.478
	PERPENDICULAR TO ALIGNMENT	480002	7254752.284	607412.665	147.379	BOTTOM				
481	PARALLEL TO ALIGNMENT	481000	7254752.466	607413.348	158.857	TOP	0.000	0.000	0.000	0.000
	PERPENDICULAR TO ALIGNMENT	481002	7254752.466	607413.348	147.747	BOTTOM				
482	PARALLEL TO ALIGNMENT	482000	7254752.541	607414.057	158.753	TOP	-0.041	-0.013	0.043	0.385
	PERPENDICULAR TO ALIGNMENT	482002	7254752.589	607414.073	147.673	BOTTOM				
483	PARALLEL TO ALIGNMENT	483000	7254752.695	607414.834	158.228	TOP	-0.018	0.003	0.018	0.177
	PERPENDICULAR TO ALIGNMENT	483002	7254752.716	607414.831	147.958	BOTTOM				
484	PARALLEL TO ALIGNMENT	484000	7254752.850	607415.659	158.862	TOP	0.059	-0.046	0.075	0.676
	PERPENDICULAR TO ALIGNMENT	484002	7254752.779	607415.715	147.792	BOTTOM				
485	PARALLEL TO ALIGNMENT	485000	7254752.943	607416.391	157.736	TOP	0.036	-0.006	0.037	0.373
	PERPENDICULAR TO ALIGNMENT	485002	7254752.904	607416.397	147.846	BOTTOM				
486	PARALLEL TO ALIGNMENT	486000	7254753.052	607417.170	159.048	TOP	0.070	0.008	0.070	0.612
	PERPENDICULAR TO ALIGNMENT	486002	7254752.967	607417.160	147.568	BOTTOM				
487	PARALLEL TO ALIGNMENT	487000	7254753.198	607417.870	157.945	TOP	0.008	-0.010	0.013	0.128
	PERPENDICULAR TO ALIGNMENT	487002	7254753.189	607417.881	147.935	BOTTOM				
488	PARALLEL TO ALIGNMENT	488000	7254753.382	607418.589	158.162	TOP	0.035	0.042	0.055	0.527
	PERPENDICULAR TO ALIGNMENT	488002	7254753.342	607418.541	147.742	BOTTOM				
489	PARALLEL TO ALIGNMENT	489000	7254753.492	607419.350	158.889	TOP	0.036	0.050	0.062	0.558
	PERPENDICULAR TO ALIGNMENT	489002	7254753.448	607419.290	147.819	BOTTOM				
490	PARALLEL TO ALIGNMENT	490000	7254753.566	607420.065	159.308	TOP	-0.046	0.017	0.049	0.419
	PERPENDICULAR TO ALIGNMENT	490002	7254753.623	607420.044	147.708	BOTTOM				
491	PARALLEL TO ALIGNMENT	491000	7254753.710	607420.800	158.703	TOP	-0.027	0.057	0.063	0.606
	PERPENDICULAR TO ALIGNMENT	491002	7254753.741	607420.731	148.283	BOTTOM				

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492	PARALLEL TO ALIGNMENT	492000	7254753.797	607421.520	158.914	TOP	0.043	-0.047	0.064	0.545
	PERPENDICULAR TO ALIGNMENT	492002	7254753.746	607421.576	147.194	BOTTOM				
493	PARALLEL TO ALIGNMENT	493000	7254753.912	607422.270	158.781	TOP	-0.010	-0.007	0.012	0.118
	PERPENDICULAR TO ALIGNMENT	493002	7254753.924	607422.278	148.311	BOTTOM				
494	PARALLEL TO ALIGNMENT	494000	7254754.020	607422.986	159.635	TOP	0.006	-0.019	0.020	0.178
	PERPENDICULAR TO ALIGNMENT	494002	7254754.012	607423.011	148.125	BOTTOM				
495	PARALLEL TO ALIGNMENT	495000	7254754.195	607423.726	158.066	TOP	-0.006	0.019	0.020	0.202
	PERPENDICULAR TO ALIGNMENT	495002	7254754.202	607423.705	148.096	BOTTOM				
496	PARALLEL TO ALIGNMENT	496000	7254754.313	607424.473	158.392	TOP	0.030	0.005	0.030	0.280
	PERPENDICULAR TO ALIGNMENT	496002	7254754.279	607424.468	147.712	BOTTOM				
497	PARALLEL TO ALIGNMENT	497000	7254754.424	607425.240	157.964	TOP	0.033	-0.014	0.036	0.372
	PERPENDICULAR TO ALIGNMENT	497002	7254754.388	607425.255	148.384	BOTTOM				
498	PARALLEL TO ALIGNMENT	498000	7254754.509	607425.993	158.857	TOP	-0.017	-0.105	0.106	1.012
	PERPENDICULAR TO ALIGNMENT	498002	7254754.529	607426.121	148.357	BOTTOM				
499	PARALLEL TO ALIGNMENT	499000	7254754.644	607426.739	158.834	TOP	-0.022	0.021	0.030	0.296
	PERPENDICULAR TO ALIGNMENT	499002	7254754.671	607426.714	148.564	BOTTOM				
500	PARALLEL TO ALIGNMENT	500000	7254754.734	607427.499	158.454	TOP	0.015	-0.021	0.026	0.250
	PERPENDICULAR TO ALIGNMENT	500002	7254754.716	607427.523	147.974	BOTTOM				
501	PARALLEL TO ALIGNMENT	501000	7254754.879	607428.245	157.958	TOP	-0.006	0.019	0.020	0.202
	PERPENDICULAR TO ALIGNMENT	501002	7254754.886	607428.225	148.288	BOTTOM				
502	PARALLEL TO ALIGNMENT	502000	7254754.976	607429.013	158.471	TOP	-0.093	-0.004	0.093	0.894
	PERPENDICULAR TO ALIGNMENT	502002	7254755.085	607429.017	148.021	BOTTOM				
503	PARALLEL TO ALIGNMENT	503000	7254755.134	607429.727	158.619	TOP	-0.021	-0.023	0.031	0.307
	PERPENDICULAR TO ALIGNMENT	503002	7254755.159	607429.754	148.449	BOTTOM				
504	PARALLEL TO ALIGNMENT	504000	7254755.218	607430.433	157.814	TOP	0.024	-0.033	0.040	0.399
	PERPENDICULAR TO ALIGNMENT	504002	7254755.192	607430.468	147.714	BOTTOM				
505	PARALLEL TO ALIGNMENT	505000	7254755.363	607431.161	158.975	TOP	0.013	-0.029	0.032	0.295
	PERPENDICULAR TO ALIGNMENT	505002	7254755.347	607431.196	148.205	BOTTOM				
506	PARALLEL TO ALIGNMENT	506000	7254755.444	607431.875	159.478	TOP	0.019	-0.049	0.053	0.462
	PERPENDICULAR TO ALIGNMENT	506002	7254755.419	607431.937	148.108	BOTTOM				
507	PARALLEL TO ALIGNMENT	507000	7254755.608	607432.680	158.687	TOP	0.004	0.026	0.027	0.253
	PERPENDICULAR TO ALIGNMENT	507002	7254755.603	607432.649	148.117	BOTTOM				
508	PARALLEL TO ALIGNMENT	508000	7254755.722	607433.416	158.675	TOP	-0.047	0.007	0.048	0.432
	PERPENDICULAR TO ALIGNMENT	508002	7254755.778	607433.408	147.655	BOTTOM				
509	PARALLEL TO ALIGNMENT	509000	7254755.835	607434.153	158.146	TOP	-0.012	0.037	0.039	0.398
	PERPENDICULAR TO ALIGNMENT	509002	7254755.848	607434.111	148.356	BOTTOM				

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510	PARALLEL TO ALIGNMENT	510000	7254755.922	607434.936	159.545	TOP	-0.006	0.019	0.020	0.175
	PERPENDICULAR TO ALIGNMENT	510002	7254755.930	607434.912	148.075	BOTTOM				
511	PARALLEL TO ALIGNMENT	511000	7254756.038	607435.634	158.846	TOP	-0.005	0.028	0.028	0.263
	PERPENDICULAR TO ALIGNMENT	511002	7254756.044	607435.600	148.176	BOTTOM				
512	PARALLEL TO ALIGNMENT	512000	7254756.180	607436.365	158.559	TOP	-0.023	0.032	0.040	0.370
	PERPENDICULAR TO ALIGNMENT	512002	7254756.207	607436.327	147.779	BOTTOM				
513	PARALLEL TO ALIGNMENT	513000	7254756.316	607437.126	158.225	TOP	-0.017	0.003	0.017	0.177
	PERPENDICULAR TO ALIGNMENT	513002	7254756.335	607437.123	148.355	BOTTOM				
514	PARALLEL TO ALIGNMENT	514000	7254756.381	607437.907	158.736	TOP	-0.072	-0.005	0.072	0.692
	PERPENDICULAR TO ALIGNMENT	514002	7254756.468	607437.913	148.266	BOTTOM				
515	PARALLEL TO ALIGNMENT	515000	7254756.524	607438.601	158.094	TOP	-0.042	0.015	0.045	0.454
	PERPENDICULAR TO ALIGNMENT	515002	7254756.571	607438.584	148.214	BOTTOM				
516	PARALLEL TO ALIGNMENT	516000	7254756.611	607439.358	158.408	TOP	-0.009	0.001	0.009	0.089
	PERPENDICULAR TO ALIGNMENT	516002	7254756.622	607439.357	147.968	BOTTOM				
517	PARALLEL TO ALIGNMENT	517000	7254756.772	607440.063	158.704	TOP	-0.011	-0.016	0.019	0.188
	PERPENDICULAR TO ALIGNMENT	517002	7254756.785	607440.082	148.414	BOTTOM				
518	PARALLEL TO ALIGNMENT	518000	7254756.925	607440.780	158.861	TOP	-0.053	-0.037	0.065	0.597
	PERPENDICULAR TO ALIGNMENT	518002	7254756.988	607440.825	148.031	BOTTOM				
519	PARALLEL TO ALIGNMENT	519000	7254757.018	607441.577	158.584	TOP	-0.038	0.042	0.057	0.546
	PERPENDICULAR TO ALIGNMENT	519002	7254757.063	607441.527	148.184	BOTTOM				
520	PARALLEL TO ALIGNMENT	520000	7254757.155	607442.297	159.380	TOP	0.040	-0.035	0.053	0.465
	PERPENDICULAR TO ALIGNMENT	520002	7254757.104	607442.340	147.990	BOTTOM				
521	PARALLEL TO ALIGNMENT	521000	7254757.298	607443.069	158.108	TOP	0.000	0.000	0.000	0.000
	PERPENDICULAR TO ALIGNMENT	521002	7254757.298	607443.069	148.318	BOTTOM				
522	PARALLEL TO ALIGNMENT	522000	7254757.402	607443.740	159.012	TOP	-0.021	-0.063	0.067	0.594
	PERPENDICULAR TO ALIGNMENT	522002	7254757.428	607443.817	147.812	BOTTOM				
523	PARALLEL TO ALIGNMENT	523000	7254757.536	607444.527	157.740	TOP	-0.032	-0.031	0.045	0.463
	PERPENDICULAR TO ALIGNMENT	523002	7254757.571	607444.560	148.030	BOTTOM				
524	PARALLEL TO ALIGNMENT	524000	7254757.616	607445.283	158.517	TOP	0.043	-0.035	0.056	0.513
	PERPENDICULAR TO ALIGNMENT	524002	7254757.566	607445.323	147.647	BOTTOM				
525	PARALLEL TO ALIGNMENT	525000	7254757.755	607446.010	157.870	TOP	-0.019	-0.067	0.069	0.739
	PERPENDICULAR TO ALIGNMENT	525002	7254757.777	607446.084	148.460	BOTTOM				
526	PARALLEL TO ALIGNMENT	526000	7254757.873	607446.739	159.040	TOP	0.014	0.025	0.029	0.262
	PERPENDICULAR TO ALIGNMENT	526002	7254757.855	607446.708	148.130	BOTTOM				
527	PARALLEL TO ALIGNMENT	527000	7254758.015	607447.465	157.888	TOP	-0.006	-0.098	0.099	1.008
	PERPENDICULAR TO ALIGNMENT	527002	7254758.021	607447.573	148.118	BOTTOM				

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528	PARALLEL TO ALIGNMENT	528000	7254758.133	607448.157	158.656	TOP	0.025	-0.014	0.029	0.273
	PERPENDICULAR TO ALIGNMENT	528002	7254758.103	607448.173	148.046	BOTTOM				
529	PARALLEL TO ALIGNMENT	529000	7254758.224	607448.929	158.001	TOP	-0.022	0.021	0.031	0.325
	PERPENDICULAR TO ALIGNMENT	529002	7254758.249	607448.905	148.521	BOTTOM				
530	PARALLEL TO ALIGNMENT	530000	7254758.345	607449.677	159.244	TOP	0.066	-0.056	0.086	0.763
	PERPENDICULAR TO ALIGNMENT	530002	7254758.263	607449.746	147.924	BOTTOM				
531	PARALLEL TO ALIGNMENT	531000	7254758.453	607450.388	158.459	TOP	0.019	0.006	0.020	0.193
	PERPENDICULAR TO ALIGNMENT	531002	7254758.431	607450.381	148.169	BOTTOM				
532	PARALLEL TO ALIGNMENT	532000	7254758.509	607451.170	159.484	TOP	0.020	-0.003	0.020	0.164
	PERPENDICULAR TO ALIGNMENT	532002	7254758.484	607451.174	147.184	BOTTOM				
533	PARALLEL TO ALIGNMENT	533000	7254758.654	607451.922	158.369	TOP	0.033	0.024	0.041	0.373
	PERPENDICULAR TO ALIGNMENT	533002	7254758.616	607451.895	147.499	BOTTOM				
534	PARALLEL TO ALIGNMENT	534000	7254758.764	607452.667	158.586	TOP	-0.051	0.045	0.068	0.620
	PERPENDICULAR TO ALIGNMENT	534002	7254758.823	607452.614	147.656	BOTTOM				
535	PARALLEL TO ALIGNMENT	535000	7254758.931	607453.394	157.476	TOP	0.027	-0.058	0.064	0.687
	PERPENDICULAR TO ALIGNMENT	535002	7254758.903	607453.455	148.156	BOTTOM				
536	PARALLEL TO ALIGNMENT	536000	7254759.047	607454.103	158.028	TOP	0.025	-0.024	0.035	0.332
	PERPENDICULAR TO ALIGNMENT	536002	7254759.020	607454.130	147.638	BOTTOM				
537	PARALLEL TO ALIGNMENT	537000	7254759.187	607454.864	158.527	TOP	0.028	0.005	0.028	0.271
	PERPENDICULAR TO ALIGNMENT	537002	7254759.154	607454.859	148.057	BOTTOM				
538	PARALLEL TO ALIGNMENT	538000	7254759.279	607455.588	158.786	TOP	0.033	-0.034	0.047	0.420
	PERPENDICULAR TO ALIGNMENT	538002	7254759.240	607455.628	147.566	BOTTOM				
539	PARALLEL TO ALIGNMENT	539000	7254759.387	607456.319	158.430	TOP	-0.089	-0.015	0.090	0.830
	PERPENDICULAR TO ALIGNMENT	539002	7254759.489	607456.336	147.530	BOTTOM				
540	PARALLEL TO ALIGNMENT	540000	7254759.511	607457.015	158.897	TOP	0.042	0.013	0.044	0.377
	PERPENDICULAR TO ALIGNMENT	540002	7254759.460	607456.999	147.237	BOTTOM				
541	PARALLEL TO ALIGNMENT	541000	7254759.647	607457.809	157.931	TOP	0.014	-0.029	0.032	0.329
	PERPENDICULAR TO ALIGNMENT	541002	7254759.632	607457.841	148.161	BOTTOM				
542	PARALLEL TO ALIGNMENT	542000	7254759.792	607458.549	158.954	TOP	-0.011	0.047	0.048	0.444
	PERPENDICULAR TO ALIGNMENT	542002	7254759.805	607458.492	148.094	BOTTOM				
543	PARALLEL TO ALIGNMENT	543000	7254759.921	607459.253	158.130	TOP	-0.013	-0.017	0.021	0.201
	PERPENDICULAR TO ALIGNMENT	543002	7254759.936	607459.272	147.480	BOTTOM				
544	PARALLEL TO ALIGNMENT	544000	7254760.031	607460.023	158.189	TOP	-0.011	-0.008	0.014	0.129
	PERPENDICULAR TO ALIGNMENT	544002	7254760.043	607460.032	147.169	BOTTOM				
545	PARALLEL TO ALIGNMENT	545000	7254760.131	607460.823	157.462	TOP	-0.014	0.031	0.034	0.344
	PERPENDICULAR TO ALIGNMENT	545002	7254760.146	607460.790	147.592	BOTTOM				

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546	PARALLEL TO ALIGNMENT	546000	7254760.199	607461.556	159.588	TOP	0.016	-0.011	0.020	0.173
	PERPENDICULAR TO ALIGNMENT	546002	7254760.178	607461.571	148.268	BOTTOM				
547	PARALLEL TO ALIGNMENT	547000	7254760.363	607462.290	159.507	TOP	0.035	0.034	0.048	0.404
	PERPENDICULAR TO ALIGNMENT	547002	7254760.319	607462.248	147.577	BOTTOM				
548	PARALLEL TO ALIGNMENT	548000	7254760.486	607463.051	159.496	TOP	0.061	0.045	0.075	0.671
	PERPENDICULAR TO ALIGNMENT	548002	7254760.408	607462.994	148.266	BOTTOM				
549	PARALLEL TO ALIGNMENT	549000	7254760.612	607463.760	158.751	TOP	0.008	-0.067	0.068	0.615
	PERPENDICULAR TO ALIGNMENT	549002	7254760.602	607463.840	147.701	BOTTOM				
550	PARALLEL TO ALIGNMENT	550000	7254760.696	607464.513	158.815	TOP	0.059	0.018	0.062	0.574
	PERPENDICULAR TO ALIGNMENT	550002	7254760.624	607464.491	148.055	BOTTOM				
551	PARALLEL TO ALIGNMENT	551000	7254760.829	607465.226	157.705	TOP	-0.009	0.002	0.010	0.094
	PERPENDICULAR TO ALIGNMENT	551002	7254760.839	607465.224	147.535	BOTTOM				
552	PARALLEL TO ALIGNMENT	552000	7254760.996	607465.982	159.007	TOP	-0.042	0.036	0.056	0.486
	PERPENDICULAR TO ALIGNMENT	552002	7254761.047	607465.938	147.537	BOTTOM				
553	PARALLEL TO ALIGNMENT	553000	7254761.085	607466.742	157.418	TOP	-0.033	0.034	0.047	0.480
	PERPENDICULAR TO ALIGNMENT	553002	7254761.119	607466.706	147.588	BOTTOM				
554	PARALLEL TO ALIGNMENT	554000	7254761.205	607467.452	158.482	TOP	0.014	-0.031	0.034	0.319
	PERPENDICULAR TO ALIGNMENT	554002	7254761.188	607467.488	147.672	BOTTOM				
555	PARALLEL TO ALIGNMENT	555000	7254761.309	607468.191	158.528	TOP	-0.014	-0.028	0.031	0.275
	PERPENDICULAR TO ALIGNMENT	555002	7254761.325	607468.223	147.368	BOTTOM				
556	PARALLEL TO ALIGNMENT	556000	7254761.448	607468.928	158.188	TOP	-0.015	-0.035	0.038	0.367
	PERPENDICULAR TO ALIGNMENT	556002	7254761.464	607468.968	147.818	BOTTOM				
557	PARALLEL TO ALIGNMENT	557000	7254761.582	607469.698	157.410	TOP	-0.039	-0.003	0.039	0.396
	PERPENDICULAR TO ALIGNMENT	557002	7254761.622	607469.702	147.520	BOTTOM				
558	PARALLEL TO ALIGNMENT	558000	7254761.677	607470.423	159.048	TOP	0.008	-0.011	0.013	0.119
	PERPENDICULAR TO ALIGNMENT	558002	7254761.667	607470.436	147.768	BOTTOM				
559	PARALLEL TO ALIGNMENT	559000	7254761.796	607471.158	158.850	TOP	-0.008	0.011	0.013	0.119
	PERPENDICULAR TO ALIGNMENT	559002	7254761.805	607471.145	147.530	BOTTOM				
560	PARALLEL TO ALIGNMENT	560000	7254761.876	607471.901	159.005	TOP	0.018	-0.003	0.018	0.164
	PERPENDICULAR TO ALIGNMENT	560002	7254761.854	607471.904	148.175	BOTTOM				
561	PARALLEL TO ALIGNMENT	561000	7254762.044	607472.637	157.841	TOP	-0.005	-0.029	0.030	0.278
	PERPENDICULAR TO ALIGNMENT	561002	7254762.049	607472.668	147.191	BOTTOM				
562	PARALLEL TO ALIGNMENT	562000	7254762.129	607473.391	159.114	TOP	0.013	0.081	0.082	0.742
	PERPENDICULAR TO ALIGNMENT	562002	7254762.113	607473.290	148.024	BOTTOM				
563	PARALLEL TO ALIGNMENT	563000	7254762.263	607474.114	158.550	TOP	0.020	0.065	0.068	0.613
	PERPENDICULAR TO ALIGNMENT	563002	7254762.240	607474.039	147.520	BOTTOM				

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564	PARALLEL TO ALIGNMENT	564000	7254762.308	607474.865	159.255	TOP	-0.032	0.033	0.046	0.404
	PERPENDICULAR TO ALIGNMENT	564002	7254762.348	607474.823	147.765	BOTTOM				
565	PARALLEL TO ALIGNMENT	565000	7254762.518	607475.591	158.765	TOP	0.003	0.019	0.019	0.172
	PERPENDICULAR TO ALIGNMENT	565002	7254762.514	607475.568	147.475	BOTTOM				
566	PARALLEL TO ALIGNMENT	566000	7254762.658	607476.384	159.142	TOP	-0.021	0.040	0.046	0.413
	PERPENDICULAR TO ALIGNMENT	566002	7254762.684	607476.334	148.072	BOTTOM				
567	PARALLEL TO ALIGNMENT	567000	7254762.708	607477.110	158.822	TOP	-0.013	0.029	0.032	0.302
	PERPENDICULAR TO ALIGNMENT	567002	7254762.724	607477.074	148.212	BOTTOM				
568	PARALLEL TO ALIGNMENT	568000	7254762.737	607477.859	158.571	TOP	-0.097	0.089	0.131	1.235
	PERPENDICULAR TO ALIGNMENT	568002	7254762.850	607477.755	147.921	BOTTOM				
569	PARALLEL TO ALIGNMENT	569000	7254763.005	607478.603	157.658	TOP	0.017	-0.012	0.021	0.209
	PERPENDICULAR TO ALIGNMENT	569002	7254762.986	607478.616	147.518	BOTTOM				
570	PARALLEL TO ALIGNMENT	570000	7254763.098	607479.346	158.603	TOP	-0.027	0.069	0.074	0.698
	PERPENDICULAR TO ALIGNMENT	570002	7254763.129	607479.264	148.003	BOTTOM				
571	PARALLEL TO ALIGNMENT	571000	7254763.206	607480.060	158.929	TOP	0.014	-0.020	0.025	0.235
	PERPENDICULAR TO ALIGNMENT	571002	7254763.188	607480.085	148.479	BOTTOM				
572	PARALLEL TO ALIGNMENT	572000	7254763.277	607480.830	159.233	TOP	0.088	0.040	0.096	0.868
	PERPENDICULAR TO ALIGNMENT	572002	7254763.167	607480.779	148.143	BOTTOM				
573	PARALLEL TO ALIGNMENT	573000	7254763.451	607481.558	158.718	TOP	0.016	-0.023	0.028	0.243
	PERPENDICULAR TO ALIGNMENT	573002	7254763.432	607481.584	147.268	BOTTOM				
574	PARALLEL TO ALIGNMENT	574000	7254763.592	607482.283	158.039	TOP	-0.027	0.014	0.030	0.290
	PERPENDICULAR TO ALIGNMENT	574002	7254763.621	607482.267	147.639	BOTTOM				
575	PARALLEL TO ALIGNMENT	575000	7254763.688	607483.045	158.399	TOP	0.056	0.071	0.091	0.903
	PERPENDICULAR TO ALIGNMENT	575002	7254763.623	607482.962	148.349	BOTTOM				
576	PARALLEL TO ALIGNMENT	576000	7254763.770	607483.815	159.186	TOP	0.012	0.064	0.065	0.569
	PERPENDICULAR TO ALIGNMENT	576002	7254763.756	607483.736	147.776	BOTTOM				
577	PARALLEL TO ALIGNMENT	577000	7254763.958	607484.524	157.865	TOP	-0.017	0.012	0.021	0.206
	PERPENDICULAR TO ALIGNMENT	577002	7254763.977	607484.511	147.555	BOTTOM				
578	PARALLEL TO ALIGNMENT	578000	7254764.058	607485.265	158.513	TOP	0.026	-0.014	0.029	0.276
	PERPENDICULAR TO ALIGNMENT	578002	7254764.028	607485.281	147.873	BOTTOM				
579	PARALLEL TO ALIGNMENT	579000	7254764.237	607485.964	158.678	TOP	-0.010	-0.007	0.012	0.120
	PERPENDICULAR TO ALIGNMENT	579002	7254764.249	607485.972	148.528	BOTTOM				
580	PARALLEL TO ALIGNMENT	580000	7254764.366	607486.769	159.224	TOP	-0.001	0.036	0.036	0.331
	PERPENDICULAR TO ALIGNMENT	580002	7254764.368	607486.723	148.294	BOTTOM				
581	PARALLEL TO ALIGNMENT	581000	7254764.472	607487.434	158.936	TOP	-0.005	0.030	0.030	0.265
	PERPENDICULAR TO ALIGNMENT	581002	7254764.477	607487.398	147.586	BOTTOM				

582	PARALLEL TO ALIGNMENT	582000	7254764.544	607488.167	158.449	TOP	0.096	0.012	0.096	0.922
	PERPENDICULAR TO ALIGNMENT	582002	7254764.433	607488.153	147.979	BOTTOM				
583	PARALLEL TO ALIGNMENT	583000	7254764.703	607488.905	158.535	TOP	0.036	0.003	0.036	0.358
	PERPENDICULAR TO ALIGNMENT	583002	7254764.660	607488.901	148.495	BOTTOM				
584	PARALLEL TO ALIGNMENT	584000	7254764.806	607489.677	159.144	TOP	-0.001	-0.009	0.009	0.081
	PERPENDICULAR TO ALIGNMENT	584002	7254764.808	607489.688	148.094	BOTTOM				
585	PARALLEL TO ALIGNMENT	585000	7254764.936	607490.444	158.928	TOP	0.040	0.029	0.050	0.465
	PERPENDICULAR TO ALIGNMENT	585002	7254764.887	607490.408	148.228	BOTTOM				
586	PARALLEL TO ALIGNMENT	586000	7254765.037	607491.205	158.901	TOP	-0.003	-0.018	0.019	0.168
	PERPENDICULAR TO ALIGNMENT	586002	7254765.040	607491.227	147.871	BOTTOM				
587	PARALLEL TO ALIGNMENT	587000	7254765.175	607491.899	158.805	TOP	-0.023	0.031	0.038	0.360
	PERPENDICULAR TO ALIGNMENT	587002	7254765.203	607491.862	148.255	BOTTOM				
588	PARALLEL TO ALIGNMENT	588000	7254765.246	607492.633	158.529	TOP	0.006	0.069	0.069	0.683
	PERPENDICULAR TO ALIGNMENT	588002	7254765.240	607492.551	148.359	BOTTOM				
589	PARALLEL TO ALIGNMENT	589000	7254765.422	607493.376	158.745	TOP	0.031	0.030	0.043	0.417
	PERPENDICULAR TO ALIGNMENT	589002	7254765.384	607493.340	148.335	BOTTOM				
590	PARALLEL TO ALIGNMENT	590000	7254765.542	607494.108	159.042	TOP	0.071	0.086	0.112	0.980
	PERPENDICULAR TO ALIGNMENT	590002	7254765.455	607494.003	147.652	BOTTOM				
591	PARALLEL TO ALIGNMENT	591000	7254765.643	607494.820	158.963	TOP	0.044	0.059	0.074	0.672
	PERPENDICULAR TO ALIGNMENT	591002	7254765.590	607494.747	147.963	BOTTOM				
592	PARALLEL TO ALIGNMENT	592000	7254765.704	607495.585	159.335	TOP	-0.003	-0.019	0.019	0.161
	PERPENDICULAR TO ALIGNMENT	592002	7254765.707	607495.608	147.505	BOTTOM				
593	PARALLEL TO ALIGNMENT	593000	7254765.862	607496.346	158.773	TOP	0.010	-0.002	0.010	0.085
	PERPENDICULAR TO ALIGNMENT	593002	7254765.850	607496.348	147.093	BOTTOM				
594	PARALLEL TO ALIGNMENT	594000	7254765.994	607497.070	159.207	TOP	0.018	0.055	0.058	0.507
	PERPENDICULAR TO ALIGNMENT	594002	7254765.971	607497.002	147.737	BOTTOM				
595	PARALLEL TO ALIGNMENT	595000	7254766.122	607497.810	159.170	TOP	0.026	0.050	0.056	0.515
	PERPENDICULAR TO ALIGNMENT	595002	7254766.089	607497.748	148.270	BOTTOM				
596	PARALLEL TO ALIGNMENT	596000	7254766.188	607498.605	159.171	TOP	0.026	-0.004	0.026	0.241
	PERPENDICULAR TO ALIGNMENT	596002	7254766.156	607498.610	148.321	BOTTOM				
597	PARALLEL TO ALIGNMENT	597000	7254766.342	607499.303	157.671	TOP	0.024	-0.033	0.041	0.400
	PERPENDICULAR TO ALIGNMENT	597002	7254766.316	607499.338	147.421	BOTTOM				
598	PARALLEL TO ALIGNMENT	598000	7254766.426	607500.040	158.926	TOP	0.033	0.024	0.041	0.361
	PERPENDICULAR TO ALIGNMENT	598002	7254766.385	607500.011	147.556	BOTTOM				
599	PARALLEL TO ALIGNMENT	599000	7254766.551	607500.769	158.913	TOP	0.006	-0.019	0.020	0.186
	PERPENDICULAR TO ALIGNMENT	599002	7254766.543	607500.792	148.253	BOTTOM				

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600	PARALLEL TO ALIGNMENT	600000	7254766.635	607501.522	159.344	TOP	-0.020	0.048	0.052	0.462
	PERPENDICULAR TO ALIGNMENT	600002	7254766.660	607501.461	148.074	BOTTOM				
601	PARALLEL TO ALIGNMENT	601000	7254766.815	607502.273	157.825	TOP	0.031	0.006	0.031	0.293
	PERPENDICULAR TO ALIGNMENT	601002	7254766.782	607502.267	147.165	BOTTOM				
602	PARALLEL TO ALIGNMENT	602000	7254766.923	607503.058	159.117	TOP	0.056	0.049	0.074	0.650
	PERPENDICULAR TO ALIGNMENT	602002	7254766.855	607502.998	147.737	BOTTOM				
603	PARALLEL TO ALIGNMENT	603000	7254767.063	607503.795	158.731	TOP	0.007	-0.010	0.013	0.121
	PERPENDICULAR TO ALIGNMENT	603002	7254767.054	607503.808	148.191	BOTTOM				
604	PARALLEL TO ALIGNMENT	604000	7254767.172	607504.608	159.320	TOP	0.029	0.013	0.032	0.289
	PERPENDICULAR TO ALIGNMENT	604002	7254767.135	607504.591	148.150	BOTTOM				
605	PARALLEL TO ALIGNMENT	605000	7254767.306	607505.256	158.717	TOP	-0.005	-0.029	0.029	0.257
	PERPENDICULAR TO ALIGNMENT	605002	7254767.312	607505.290	147.307	BOTTOM				
606	PARALLEL TO ALIGNMENT	606000	7254767.410	607505.936	159.180	TOP	-0.029	-0.005	0.030	0.259
	PERPENDICULAR TO ALIGNMENT	606002	7254767.446	607505.942	147.700	BOTTOM				
607	PARALLEL TO ALIGNMENT	607000	7254767.572	607506.712	158.602	TOP	0.038	0.012	0.040	0.384
	PERPENDICULAR TO ALIGNMENT	607002	7254767.526	607506.698	148.172	BOTTOM				
608	PARALLEL TO ALIGNMENT	608000	7254767.693	607507.514	159.230	TOP	-0.007	0.096	0.096	0.851
	PERPENDICULAR TO ALIGNMENT	608002	7254767.702	607507.394	147.890	BOTTOM				
609	PARALLEL TO ALIGNMENT	609000	7254767.782	607508.186	157.806	TOP	0.014	0.028	0.031	0.294
	PERPENDICULAR TO ALIGNMENT	609002	7254767.766	607508.156	147.126	BOTTOM				
610	PARALLEL TO ALIGNMENT	610000	7254767.909	607508.911	159.305	TOP	0.079	0.016	0.081	0.695
	PERPENDICULAR TO ALIGNMENT	610002	7254767.810	607508.891	147.655	BOTTOM				
611	PARALLEL TO ALIGNMENT	611000	7254768.012	607509.686	159.452	TOP	-0.011	-0.008	0.013	0.114
	PERPENDICULAR TO ALIGNMENT	611002	7254768.025	607509.695	147.942	BOTTOM				
612	PARALLEL TO ALIGNMENT	612000	7254768.169	607510.436	159.213	TOP	-0.007	0.077	0.077	0.671
	PERPENDICULAR TO ALIGNMENT	612002	7254768.177	607510.341	147.763	BOTTOM				
613	PARALLEL TO ALIGNMENT	613000	7254768.287	607511.178	157.674	TOP	0.077	-0.022	0.080	0.766
	PERPENDICULAR TO ALIGNMENT	613002	7254768.205	607511.202	147.254	BOTTOM				
614	PARALLEL TO ALIGNMENT	614000	7254768.345	607511.894	159.052	TOP	-0.012	0.038	0.040	0.363
	PERPENDICULAR TO ALIGNMENT	614002	7254768.359	607511.847	148.132	BOTTOM				
615	PARALLEL TO ALIGNMENT	615000	7254768.500	607512.652	159.016	TOP	-0.025	0.012	0.028	0.260
	PERPENDICULAR TO ALIGNMENT	615002	7254768.530	607512.637	148.366	BOTTOM				
616	PARALLEL TO ALIGNMENT	616000	7254768.616	607513.422	159.180	TOP	-0.004	0.038	0.038	0.335
	PERPENDICULAR TO ALIGNMENT	616002	7254768.621	607513.376	147.880	BOTTOM				
617	PARALLEL TO ALIGNMENT	617000	7254768.746	607514.140	157.679	TOP	0.042	0.013	0.044	0.425
	PERPENDICULAR TO ALIGNMENT	617002	7254768.701	607514.126	147.349	BOTTOM				

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618	PARALLEL TO ALIGNMENT	618000	7254768.825	607514.848	159.637	TOP	0.069	-0.010	0.069	0.616
	PERPENDICULAR TO ALIGNMENT	618002	7254768.735	607514.861	148.367	BOTTOM				
619	PARALLEL TO ALIGNMENT	619000	7254768.993	607515.644	159.096	TOP	0.009	0.053	0.054	0.494
	PERPENDICULAR TO ALIGNMENT	619002	7254768.982	607515.578	148.216	BOTTOM				
620	PARALLEL TO ALIGNMENT	620000	7254769.098	607516.346	159.568	TOP	0.036	0.058	0.068	0.596
	PERPENDICULAR TO ALIGNMENT	620002	7254769.051	607516.271	148.078	BOTTOM				
621	PARALLEL TO ALIGNMENT	621000	7254769.212	607517.068	157.563	TOP	0.016	-0.022	0.027	0.268
	PERPENDICULAR TO ALIGNMENT	621002	7254769.195	607517.092	147.353	BOTTOM				
622	PARALLEL TO ALIGNMENT	622000	7254769.356	607517.834	158.965	TOP	-0.003	0.037	0.037	0.346
	PERPENDICULAR TO ALIGNMENT	622002	7254769.360	607517.789	148.145	BOTTOM				
623	PARALLEL TO ALIGNMENT	623000	7254769.447	607518.557	158.251	TOP	0.006	-0.019	0.020	0.200
	PERPENDICULAR TO ALIGNMENT	623002	7254769.440	607518.579	148.101	BOTTOM				
624	PARALLEL TO ALIGNMENT	624000	7254769.369	607519.321	158.376	TOP	0.029	0.005	0.029	0.276
	PERPENDICULAR TO ALIGNMENT	624002	7254769.336	607519.316	147.716	BOTTOM				
625	PARALLEL TO ALIGNMENT	625000	7254769.648	607520.037	158.222	TOP	0.013	-0.042	0.044	0.401
	PERPENDICULAR TO ALIGNMENT	625002	7254769.634	607520.084	147.362	BOTTOM				
626	PARALLEL TO ALIGNMENT	626000	7254769.775	607520.821	158.191	TOP	0.035	0.034	0.049	0.454
	PERPENDICULAR TO ALIGNMENT	626002	7254769.735	607520.782	147.451	BOTTOM				
627	PARALLEL TO ALIGNMENT	627000	7254769.891	607521.526	158.057	TOP	0.017	-0.011	0.020	0.203
	PERPENDICULAR TO ALIGNMENT	627002	7254769.872	607521.539	148.047	BOTTOM				
628	PARALLEL TO ALIGNMENT	628000	7254769.898	607522.288	158.865	TOP	0.028	0.053	0.060	0.531
	PERPENDICULAR TO ALIGNMENT	628002	7254769.865	607522.224	147.625	BOTTOM				
629	PARALLEL TO ALIGNMENT	629000	7254770.152	607523.020	157.765	TOP	-0.006	0.031	0.031	0.295
	PERPENDICULAR TO ALIGNMENT	629002	7254770.158	607522.986	147.145	BOTTOM				
630	PARALLEL TO ALIGNMENT	630000	7254770.314	607523.743	158.948	TOP	0.062	-0.029	0.068	0.615
	PERPENDICULAR TO ALIGNMENT	630002	7254770.239	607523.778	147.848	BOTTOM				
631	PARALLEL TO ALIGNMENT	631000	7254770.418	607524.487	158.100	TOP	0.007	-0.011	0.013	0.129
	PERPENDICULAR TO ALIGNMENT	631002	7254770.410	607524.499	148.070	BOTTOM				
632	PARALLEL TO ALIGNMENT	632000	7254770.525	607525.229	158.041	TOP	-0.010	0.119	0.119	1.119
	PERPENDICULAR TO ALIGNMENT	632002	7254770.536	607525.097	147.361	BOTTOM				
633	PARALLEL TO ALIGNMENT	633000	7254770.643	607525.961	158.186	TOP	0.023	-0.044	0.049	0.449
	PERPENDICULAR TO ALIGNMENT	633002	7254770.617	607526.010	147.206	BOTTOM				
634	PARALLEL TO ALIGNMENT	634000	7254770.733	607526.684	157.801	TOP	-0.003	-0.020	0.021	0.190
	PERPENDICULAR TO ALIGNMENT	634002	7254770.737	607526.705	146.991	BOTTOM				
635	PARALLEL TO ALIGNMENT	635000	7254770.867	607527.407	158.163	TOP	-0.002	-0.009	0.009	0.090
	PERPENDICULAR TO ALIGNMENT	635002	7254770.868	607527.417	147.973	BOTTOM				

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636	PARALLEL TO ALIGNMENT	636000	7254770.949	607528.165	157.798	TOP	0.061	-0.010	0.062	0.560
	PERPENDICULAR TO ALIGNMENT	636002	7254770.883	607528.176	146.788	BOTTOM				
637	PARALLEL TO ALIGNMENT	637000	7254771.138	607528.887	157.735	TOP	0.000	0.000	0.000	0.000
	PERPENDICULAR TO ALIGNMENT	637002	7254771.138	607528.887	146.835	BOTTOM				
638	PARALLEL TO ALIGNMENT	638000	7254771.222	607529.685	157.846	TOP	-0.028	0.015	0.032	0.296
	PERPENDICULAR TO ALIGNMENT	638002	7254771.252	607529.669	147.116	BOTTOM				
639	PARALLEL TO ALIGNMENT	639000	7254771.380	607530.411	157.940	TOP	0.027	0.045	0.053	0.500
	PERPENDICULAR TO ALIGNMENT	639002	7254771.350	607530.361	147.440	BOTTOM				
640	PARALLEL TO ALIGNMENT	640000	7254771.426	607531.133	158.212	TOP	0.011	-0.051	0.052	0.481
	PERPENDICULAR TO ALIGNMENT	640002	7254771.413	607531.190	147.442	BOTTOM				
641	PARALLEL TO ALIGNMENT	641000	7254771.622	607531.897	158.035	TOP	0.035	-0.026	0.043	0.409
	PERPENDICULAR TO ALIGNMENT	641002	7254771.584	607531.925	147.515	BOTTOM				
642	PARALLEL TO ALIGNMENT	642000	7254771.737	607532.666	158.127	TOP	-0.028	-0.046	0.054	0.493
	PERPENDICULAR TO ALIGNMENT	642002	7254771.768	607532.717	147.187	BOTTOM				
643	PARALLEL TO ALIGNMENT	643000	7254771.860	607533.394	157.778	TOP	0.033	0.015	0.036	0.342
	PERPENDICULAR TO ALIGNMENT	643002	7254771.825	607533.378	147.208	BOTTOM				
644	PARALLEL TO ALIGNMENT	644000	7254771.875	607534.108	158.012	TOP	0.019	-0.003	0.019	0.182
	PERPENDICULAR TO ALIGNMENT	644002	7254771.853	607534.112	147.312	BOTTOM				
645	PARALLEL TO ALIGNMENT	645000	7254772.106	607534.865	157.414	TOP	-0.040	-0.013	0.042	0.432
	PERPENDICULAR TO ALIGNMENT	645002	7254772.148	607534.878	147.624	BOTTOM				
646	PARALLEL TO ALIGNMENT	646000	7254772.203	607535.582	158.410	TOP	0.003	0.019	0.019	0.175
	PERPENDICULAR TO ALIGNMENT	646002	7254772.199	607535.560	147.690	BOTTOM				
647	PARALLEL TO ALIGNMENT	647000	7254772.330	607536.328	157.976	TOP	0.049	0.002	0.049	0.473
	PERPENDICULAR TO ALIGNMENT	647002	7254772.276	607536.326	147.556	BOTTOM				
648	PARALLEL TO ALIGNMENT	648000	7254772.470	607537.097	157.914	TOP	-0.064	0.039	0.075	0.706
	PERPENDICULAR TO ALIGNMENT	648002	7254772.540	607537.054	147.244	BOTTOM				
649	PARALLEL TO ALIGNMENT	649000	7254772.594	607537.822	157.232	TOP	-0.001	-0.009	0.010	0.099
	PERPENDICULAR TO ALIGNMENT	649002	7254772.595	607537.831	147.662	BOTTOM				
650	PARALLEL TO ALIGNMENT	650000	7254772.700	607538.572	158.003	TOP	0.017	-0.023	0.028	0.258
	PERPENDICULAR TO ALIGNMENT	650002	7254772.682	607538.597	146.983	BOTTOM				
651	PARALLEL TO ALIGNMENT	651000	7254772.785	607539.293	157.826	TOP	0.000	0.072	0.072	0.667
	PERPENDICULAR TO ALIGNMENT	651002	7254772.785	607539.215	147.076	BOTTOM				
652	PARALLEL TO ALIGNMENT	652000	7254772.927	607540.062	158.149	TOP	-0.124	0.119	0.172	1.552
	PERPENDICULAR TO ALIGNMENT	652002	7254773.065	607539.929	147.069	BOTTOM				
653	PARALLEL TO ALIGNMENT	653000	7254773.034	607540.773	157.854	TOP	0.044	0.077	0.088	0.808
	PERPENDICULAR TO ALIGNMENT	653002	7254772.987	607540.690	146.924	BOTTOM				

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654	PARALLEL TO ALIGNMENT	654000	7254773.096	607541.506	157.592	TOP	0.042	-0.057	0.071	0.673
	PERPENDICULAR TO ALIGNMENT	654002	7254773.051	607541.567	147.012	BOTTOM				
655	PARALLEL TO ALIGNMENT	655000	7254773.258	607542.214	157.780	TOP	0.006	-0.021	0.022	0.210
	PERPENDICULAR TO ALIGNMENT	655002	7254773.251	607542.236	147.500	BOTTOM				
656	PARALLEL TO ALIGNMENT	656000	7254773.385	607542.962	157.802	TOP	-0.083	-0.086	0.119	1.132
	PERPENDICULAR TO ALIGNMENT	656002	7254773.474	607543.055	147.252	BOTTOM				
657	PARALLEL TO ALIGNMENT	657000	7254773.470	607543.736	157.616	TOP	0.000	0.000	0.000	0.000
	PERPENDICULAR TO ALIGNMENT	657002	7254773.470	607543.736	147.346	BOTTOM				
658	PARALLEL TO ALIGNMENT	658000	7254773.546	607544.455	157.975	TOP	0.003	0.081	0.081	0.738
	PERPENDICULAR TO ALIGNMENT	658002	7254773.542	607544.366	147.035	BOTTOM				
659	PARALLEL TO ALIGNMENT	659000	7254773.692	607545.231	158.576	TOP	0.033	0.078	0.084	0.723
	PERPENDICULAR TO ALIGNMENT	659002	7254773.654	607545.141	146.926	BOTTOM				
660	PARALLEL TO ALIGNMENT	660000	7254773.846	607545.956	157.755	TOP	-0.007	0.022	0.023	0.209
	PERPENDICULAR TO ALIGNMENT	660002	7254773.854	607545.932	146.895	BOTTOM				
661	PARALLEL TO ALIGNMENT	661000	7254773.991	607546.694	157.836	TOP	-0.022	0.056	0.060	0.551
	PERPENDICULAR TO ALIGNMENT	661002	7254774.015	607546.634	146.926	BOTTOM				
662	PARALLEL TO ALIGNMENT	662000	7254774.068	607547.499	157.941	TOP	-0.016	0.023	0.028	0.260
	PERPENDICULAR TO ALIGNMENT	662002	7254774.086	607547.474	147.021	BOTTOM				
663	PARALLEL TO ALIGNMENT	663000	7254774.188	607548.254	157.784	TOP	0.000	0.000	0.000	0.000
	PERPENDICULAR TO ALIGNMENT	663002	7254774.188	607548.254	147.104	BOTTOM				
664	PARALLEL TO ALIGNMENT	664000	7254774.302	607549.022	158.009	TOP	-0.072	0.025	0.076	0.651
	PERPENDICULAR TO ALIGNMENT	664002	7254774.380	607548.995	146.389	BOTTOM				
665	PARALLEL TO ALIGNMENT	665000	7254774.459	607549.702	157.309	TOP	-0.073	0.023	0.077	0.698
	PERPENDICULAR TO ALIGNMENT	665002	7254774.534	607549.679	146.339	BOTTOM				
666	PARALLEL TO ALIGNMENT	666000	7254774.534	607550.408	158.428	TOP	0.072	0.036	0.080	0.642
	PERPENDICULAR TO ALIGNMENT	666002	7254774.452	607550.368	145.918	BOTTOM				
667	PARALLEL TO ALIGNMENT	667000	7254774.671	607551.091	157.405	TOP	0.063	-0.010	0.064	0.592
	PERPENDICULAR TO ALIGNMENT	667002	7254774.605	607551.102	146.665	BOTTOM				
668	PARALLEL TO ALIGNMENT	668000	7254774.759	607551.674	158.133	TOP	-0.021	0.003	0.021	0.182
	PERPENDICULAR TO ALIGNMENT	668002	7254774.782	607551.671	146.473	BOTTOM				
668b	PARALLEL TO ALIGNMENT	668005	7254774.867	607552.214	158.911	TOP	-0.029	0.040	0.050	0.366
	PERPENDICULAR TO ALIGNMENT	668007	7254774.901	607552.167	145.301	BOTTOM				
669	PARALLEL TO ALIGNMENT	669000	7254774.739	607552.822	157.364	TOP	-0.004	0.044	0.044	0.407
	PERPENDICULAR TO ALIGNMENT	669002	7254774.742	607552.776	146.464	BOTTOM				
670	PARALLEL TO ALIGNMENT	670000	7254774.950	607553.466	158.268	TOP	0.047	0.042	0.063	0.459
	PERPENDICULAR TO ALIGNMENT	670002	7254774.898	607553.419	144.438	BOTTOM				

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671	PARALLEL TO ALIGNMENT	671000	7254775.217	607554.064	157.953	TOP	0.132	0.036	0.137	1.140
	PERPENDICULAR TO ALIGNMENT	671002	7254775.074	607554.024	145.943	BOTTOM				
672	PARALLEL TO ALIGNMENT	672000	7254775.266	607554.793	158.324	TOP	-0.015	-0.020	0.025	0.201
	PERPENDICULAR TO ALIGNMENT	672002	7254775.283	607554.816	145.794	BOTTOM				
673	PARALLEL TO ALIGNMENT	673000	7254775.376	607555.566	157.400	TOP	-0.089	0.072	0.114	1.011
	PERPENDICULAR TO ALIGNMENT	673002	7254775.468	607555.491	146.110	BOTTOM				
674	PARALLEL TO ALIGNMENT	674000	7254775.469	607556.286	157.734	TOP	-0.024	-0.075	0.079	0.665
	PERPENDICULAR TO ALIGNMENT	674002	7254775.494	607556.366	145.914	BOTTOM				
675	PARALLEL TO ALIGNMENT	675000	7254775.640	607557.074	158.771	TOP	0.017	0.032	0.036	0.277
	PERPENDICULAR TO ALIGNMENT	675002	7254775.620	607557.037	145.851	BOTTOM				
676	PARALLEL TO ALIGNMENT	676000	7254775.731	607557.796	158.564	TOP	0.002	0.011	0.011	0.088
	PERPENDICULAR TO ALIGNMENT	676002	7254775.729	607557.783	145.864	BOTTOM				
677	PARALLEL TO ALIGNMENT	677000	7254775.888	607558.571	157.682	TOP	0.016	-0.050	0.052	0.433
	PERPENDICULAR TO ALIGNMENT	677002	7254775.871	607558.624	145.552	BOTTOM				
678	PARALLEL TO ALIGNMENT	678000	7254776.019	607559.305	158.035	TOP	-0.046	0.008	0.046	0.370
	PERPENDICULAR TO ALIGNMENT	678002	7254776.069	607559.296	145.515	BOTTOM				
678b	PARALLEL TO ALIGNMENT	678005	7254776.108	607559.638	158.718	TOP	0.019	-0.026	0.032	0.246
	PERPENDICULAR TO ALIGNMENT	678007	7254776.086	607559.668	145.748	BOTTOM				
679	PARALLEL TO ALIGNMENT	679000	7254776.161	607560.018	157.653	TOP	0.061	0.084	0.103	0.863
	PERPENDICULAR TO ALIGNMENT	679002	7254776.096	607559.929	145.693	BOTTOM				
680	PARALLEL TO ALIGNMENT	680000	7254776.246	607560.732	159.012	TOP	0.013	0.078	0.079	0.599
	PERPENDICULAR TO ALIGNMENT	680002	7254776.231	607560.639	145.742	BOTTOM				
681	PARALLEL TO ALIGNMENT	681000	7254776.388	607561.497	157.702	TOP	0.049	0.015	0.051	0.427
	PERPENDICULAR TO ALIGNMENT	681002	7254776.335	607561.481	145.672	BOTTOM				
682	PARALLEL TO ALIGNMENT	682000	7254776.465	607562.285	157.996	TOP	0.015	0.020	0.025	0.207
	PERPENDICULAR TO ALIGNMENT	682002	7254776.448	607562.262	145.746	BOTTOM				
683	PARALLEL TO ALIGNMENT	683000	7254776.606	607563.037	158.542	TOP	0.058	0.061	0.084	0.649
	PERPENDICULAR TO ALIGNMENT	683002	7254776.540	607562.968	145.602	BOTTOM				
684	PARALLEL TO ALIGNMENT	684000	7254776.756	607563.795	159.305	TOP	-0.004	0.046	0.046	0.342
	PERPENDICULAR TO ALIGNMENT	684002	7254776.761	607563.740	145.935	BOTTOM				
685	PARALLEL TO ALIGNMENT	685000	7254776.885	607564.467	157.176	TOP	-0.028	-0.030	0.041	0.362
	PERPENDICULAR TO ALIGNMENT	685002	7254776.914	607564.498	145.756	BOTTOM				
686	PARALLEL TO ALIGNMENT	686000	7254776.970	607565.214	157.930	TOP	0.035	-0.061	0.070	0.592
	PERPENDICULAR TO ALIGNMENT	686002	7254776.932	607565.280	146.090	BOTTOM				
687	PARALLEL TO ALIGNMENT	687000	7254777.076	607565.902	157.628	TOP	-0.049	0.029	0.057	0.520
	PERPENDICULAR TO ALIGNMENT	687002	7254777.127	607565.871	146.678	BOTTOM				

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688	PARALLEL TO ALIGNMENT	688000	7254777.166	607566.629	158.744	TOP	-0.046	0.040	0.061	0.501
	PERPENDICULAR TO ALIGNMENT	688002	7254777.219	607566.582	146.624	BOTTOM				
689	PARALLEL TO ALIGNMENT	689000	7254777.314	607567.429	157.807	TOP	-0.002	0.055	0.055	0.486
	PERPENDICULAR TO ALIGNMENT	689002	7254777.316	607567.370	146.577	BOTTOM				
690	PARALLEL TO ALIGNMENT	690000	7254777.440	607568.208	157.582	TOP	0.034	0.016	0.037	0.343
	PERPENDICULAR TO ALIGNMENT	690002	7254777.404	607568.192	146.732	BOTTOM				
691	PARALLEL TO ALIGNMENT	691000	7254777.605	607568.924	157.704	TOP	0.034	0.015	0.038	0.345
	PERPENDICULAR TO ALIGNMENT	691002	7254777.568	607568.908	146.804	BOTTOM				
692	PARALLEL TO ALIGNMENT	692000	7254777.719	607569.692	158.897	TOP	0.010	-0.002	0.010	0.085
	PERPENDICULAR TO ALIGNMENT	692002	7254777.707	607569.694	146.827	BOTTOM				
693	PARALLEL TO ALIGNMENT	693000	7254777.819	607570.401	157.455	TOP	-0.007	0.022	0.023	0.219
	PERPENDICULAR TO ALIGNMENT	693002	7254777.827	607570.377	146.785	BOTTOM				
694	PARALLEL TO ALIGNMENT	694000	7254777.897	607571.128	158.093	TOP	-0.027	-0.037	0.046	0.406
	PERPENDICULAR TO ALIGNMENT	694002	7254777.927	607571.169	146.813	BOTTOM				
695	PARALLEL TO ALIGNMENT	695000	7254778.041	607571.855	157.849	TOP	-0.039	-0.046	0.061	0.552
	PERPENDICULAR TO ALIGNMENT	695002	7254778.084	607571.905	146.839	BOTTOM				
696	PARALLEL TO ALIGNMENT	696000	7254778.160	607572.621	159.197	TOP	-0.010	0.076	0.076	0.607
	PERPENDICULAR TO ALIGNMENT	696002	7254778.172	607572.529	146.627	BOTTOM				
697	PARALLEL TO ALIGNMENT	697000	7254778.282	607573.366	157.427	TOP	-0.023	-0.007	0.024	0.220
	PERPENDICULAR TO ALIGNMENT	697002	7254778.305	607573.373	146.647	BOTTOM				
698	PARALLEL TO ALIGNMENT	698000	7254778.369	607574.116	157.768	TOP	0.027	0.028	0.039	0.340
	PERPENDICULAR TO ALIGNMENT	698002	7254778.340	607574.086	146.298	BOTTOM				
699	PARALLEL TO ALIGNMENT	699000	7254778.517	607574.826	159.484	TOP	-0.056	-0.012	0.058	0.440
	PERPENDICULAR TO ALIGNMENT	699002	7254778.587	607574.841	146.384	BOTTOM				
700	PARALLEL TO ALIGNMENT	700000	7254778.660	607575.542	158.212	TOP	-0.068	0.055	0.088	0.730
	PERPENDICULAR TO ALIGNMENT	700002	7254778.736	607575.481	146.192	BOTTOM				
701	PARALLEL TO ALIGNMENT	701000	7254778.788	607576.325	157.440	TOP	-0.042	0.084	0.094	0.845
	PERPENDICULAR TO ALIGNMENT	701002	7254778.832	607576.237	146.290	BOTTOM				
702	PARALLEL TO ALIGNMENT	702000	7254778.890	607577.096	157.359	TOP	0.077	0.066	0.101	0.901
	PERPENDICULAR TO ALIGNMENT	702002	7254778.810	607577.028	146.139	BOTTOM				
703	PARALLEL TO ALIGNMENT	703000	7254779.037	607577.814	157.612	TOP	0.082	0.020	0.084	0.738
	PERPENDICULAR TO ALIGNMENT	703002	7254778.951	607577.792	146.212	BOTTOM				
704	PARALLEL TO ALIGNMENT	704000	7254779.145	607578.513	157.814	TOP	0.010	-0.013	0.016	0.133
	PERPENDICULAR TO ALIGNMENT	704002	7254779.134	607578.526	145.824	BOTTOM				
705	PARALLEL TO ALIGNMENT	705000	7254779.259	607579.272	157.566	TOP	0.059	0.013	0.061	0.523
	PERPENDICULAR TO ALIGNMENT	705002	7254779.197	607579.258	145.956	BOTTOM				

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706	PARALLEL TO ALIGNMENT	706000	7254779.268	607580.045	157.779	TOP	0.011	-0.002	0.011	0.094
	PERPENDICULAR TO ALIGNMENT	706002	7254779.257	607580.047	145.959	BOTTOM				
707	PARALLEL TO ALIGNMENT	707000	7254779.471	607580.789	157.856	TOP	-0.010	0.078	0.078	0.686
	PERPENDICULAR TO ALIGNMENT	707002	7254779.481	607580.705	146.466	BOTTOM				
708	PARALLEL TO ALIGNMENT	708000	7254779.634	607581.457	158.780	TOP	-0.047	-0.056	0.073	0.514
	PERPENDICULAR TO ALIGNMENT	708002	7254779.688	607581.521	144.500	BOTTOM				
709	PARALLEL TO ALIGNMENT	709000	7254779.699	607582.224	157.165	TOP	-0.007	0.023	0.024	0.224
	PERPENDICULAR TO ALIGNMENT	709002	7254779.706	607582.200	146.295	BOTTOM				
710	PARALLEL TO ALIGNMENT	710000	7254779.785	607583.016	157.702	TOP	0.004	-0.044	0.044	0.389
	PERPENDICULAR TO ALIGNMENT	710002	7254779.781	607583.063	146.362	BOTTOM				
711	PARALLEL TO ALIGNMENT	711000	7254779.954	607583.775	157.790	TOP	0.075	0.053	0.092	0.809
	PERPENDICULAR TO ALIGNMENT	711002	7254779.873	607583.717	146.380	BOTTOM				
712	PARALLEL TO ALIGNMENT	712000	7254780.067	607584.459	158.095	TOP	-0.062	-0.002	0.062	0.470
	PERPENDICULAR TO ALIGNMENT	712002	7254780.134	607584.462	144.925	BOTTOM				
713	PARALLEL TO ALIGNMENT	713000	7254780.179	607585.202	157.760	TOP	0.001	0.078	0.078	0.674
	PERPENDICULAR TO ALIGNMENT	713002	7254780.178	607585.119	146.160	BOTTOM				
714	PARALLEL TO ALIGNMENT	714000	7254780.330	607585.940	157.896	TOP	0.016	0.097	0.099	0.835
	PERPENDICULAR TO ALIGNMENT	714002	7254780.313	607585.835	146.076	BOTTOM				
715	PARALLEL TO ALIGNMENT	715000	7254780.477	607586.685	158.058	TOP	0.051	0.037	0.062	0.529
	PERPENDICULAR TO ALIGNMENT	715002	7254780.422	607586.645	146.238	BOTTOM				
716	PARALLEL TO ALIGNMENT	716000	7254780.642	607587.425	158.482	TOP	-0.051	0.018	0.054	0.450
	PERPENDICULAR TO ALIGNMENT	716002	7254780.701	607587.404	146.422	BOTTOM				
717	PARALLEL TO ALIGNMENT	717000	7254780.692	607588.131	157.409	TOP	-0.012	-0.009	0.015	0.139
	PERPENDICULAR TO ALIGNMENT	717002	7254780.705	607588.140	146.499	BOTTOM				
718	PARALLEL TO ALIGNMENT	718000	7254780.782	607588.859	157.820	TOP	0.049	-0.030	0.057	0.503
	PERPENDICULAR TO ALIGNMENT	718002	7254780.729	607588.892	146.450	BOTTOM				
719	PARALLEL TO ALIGNMENT	719000	7254780.854	607589.633	158.315	TOP	-0.075	0.065	0.099	0.857
	PERPENDICULAR TO ALIGNMENT	719002	7254780.938	607589.560	146.755	BOTTOM				
720	PARALLEL TO ALIGNMENT	720000	7254781.066	607590.327	157.871	TOP	0.011	-0.015	0.018	0.133
	PERPENDICULAR TO ALIGNMENT	720002	7254781.054	607590.343	144.201	BOTTOM				
721	PARALLEL TO ALIGNMENT	721000	7254781.139	607591.092	157.755	TOP	-0.043	-0.013	0.045	0.425
	PERPENDICULAR TO ALIGNMENT	721002	7254781.185	607591.107	147.085	BOTTOM				
722	PARALLEL TO ALIGNMENT	722000	7254781.295	607591.812	158.103	TOP	0.041	-0.007	0.042	0.365
	PERPENDICULAR TO ALIGNMENT	722002	7254781.249	607591.820	146.583	BOTTOM				
723	PARALLEL TO ALIGNMENT	723000	7254781.419	607592.576	159.123	TOP	0.034	0.025	0.042	0.356
	PERPENDICULAR TO ALIGNMENT	723002	7254781.377	607592.545	147.173	BOTTOM				

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724	PARALLEL TO ALIGNMENT	724000	7254781.530	607593.331	157.872	TOP	-0.066	-0.033	0.074	0.670
	PERPENDICULAR TO ALIGNMENT	724002	7254781.602	607593.366	146.802	BOTTOM				
725	PARALLEL TO ALIGNMENT	725000	7254781.631	607594.112	157.808	TOP	0.021	0.007	0.022	0.212
	PERPENDICULAR TO ALIGNMENT	725002	7254781.608	607594.105	147.198	BOTTOM				
726	PARALLEL TO ALIGNMENT	726000	7254781.787	607594.841	159.089	TOP	0.004	-0.043	0.043	0.346
	PERPENDICULAR TO ALIGNMENT	726002	7254781.781	607594.892	146.669	BOTTOM				
727	PARALLEL TO ALIGNMENT	727000	7254781.892	607595.609	157.717	TOP	-0.018	0.086	0.088	0.819
	PERPENDICULAR TO ALIGNMENT	727002	7254781.911	607595.517	146.977	BOTTOM				
728	PARALLEL TO ALIGNMENT	728000	7254782.009	607596.367	157.845	TOP	-0.017	0.023	0.028	0.262
	PERPENDICULAR TO ALIGNMENT	728002	7254782.028	607596.343	147.075	BOTTOM				
729	PARALLEL TO ALIGNMENT	729000	7254782.152	607597.055	157.651	TOP	-0.002	-0.010	0.010	0.096
	PERPENDICULAR TO ALIGNMENT	729002	7254782.154	607597.066	146.951	BOTTOM				
730	PARALLEL TO ALIGNMENT	730000	7254782.247	607597.766	157.758	TOP	-0.070	0.021	0.073	0.665
	PERPENDICULAR TO ALIGNMENT	730002	7254782.322	607597.743	146.788	BOTTOM				
731	PARALLEL TO ALIGNMENT	731000	7254782.371	607598.490	157.502	TOP	-0.015	0.045	0.047	0.436
	PERPENDICULAR TO ALIGNMENT	731002	7254782.387	607598.443	146.702	BOTTOM				
732	PARALLEL TO ALIGNMENT	732000	7254782.489	607599.280	157.888	TOP	-0.041	0.069	0.080	0.722
	PERPENDICULAR TO ALIGNMENT	732002	7254782.534	607599.205	146.828	BOTTOM				
733	PARALLEL TO ALIGNMENT	733000	7254782.581	607600.008	157.330	TOP	0.002	0.010	0.010	0.099
	PERPENDICULAR TO ALIGNMENT	733002	7254782.579	607599.997	146.770	BOTTOM				
734	PARALLEL TO ALIGNMENT	734000	7254782.721	607600.749	157.633	TOP	0.026	0.028	0.038	0.342
	PERPENDICULAR TO ALIGNMENT	734002	7254782.693	607600.719	146.453	BOTTOM				
735	PARALLEL TO ALIGNMENT	735000	7254782.815	607601.535	157.471	TOP	0.012	0.009	0.015	0.138
	PERPENDICULAR TO ALIGNMENT	735002	7254782.803	607601.525	146.661	BOTTOM				
736	PARALLEL TO ALIGNMENT	736000	7254782.912	607602.274	157.733	TOP	-0.015	-0.029	0.033	0.297
	PERPENDICULAR TO ALIGNMENT	736002	7254782.929	607602.305	146.613	BOTTOM				
737	PARALLEL TO ALIGNMENT	737000	7254783.100	607603.004	157.534	TOP	0.000	0.000	0.000	0.000
	PERPENDICULAR TO ALIGNMENT	737002	7254783.100	607603.004	146.544	BOTTOM				
738	PARALLEL TO ALIGNMENT	738000	7254783.188	607603.731	157.753	TOP	0.026	0.029	0.039	0.339
	PERPENDICULAR TO ALIGNMENT	738002	7254783.160	607603.700	146.253	BOTTOM				
739	PARALLEL TO ALIGNMENT	739000	7254783.281	607604.456	158.600	TOP	0.083	0.042	0.093	0.765
	PERPENDICULAR TO ALIGNMENT	739002	7254783.186	607604.408	146.490	BOTTOM				
740	PARALLEL TO ALIGNMENT	740000	7254783.415	607605.222	159.222	TOP	-0.058	0.042	0.071	0.557
	PERPENDICULAR TO ALIGNMENT	740002	7254783.485	607605.171	146.412	BOTTOM				
741	PARALLEL TO ALIGNMENT	741000	7254783.528	607605.893	158.145	TOP	0.031	0.059	0.066	0.582
	PERPENDICULAR TO ALIGNMENT	741002	7254783.494	607605.827	146.725	BOTTOM				

742	PARALLEL TO ALIGNMENT	742000	7254783.643	607606.644	157.696	TOP	-0.003	0.053	0.053	0.482
	PERPENDICULAR TO ALIGNMENT	742002	7254783.646	607606.587	146.626	BOTTOM				
743	PARALLEL TO ALIGNMENT	743000	7254783.781	607607.413	158.051	TOP	-0.035	0.061	0.071	0.597
	PERPENDICULAR TO ALIGNMENT	743002	7254783.820	607607.346	146.221	BOTTOM				
744	PARALLEL TO ALIGNMENT	744000	7254783.906	607608.155	157.877	TOP	0.040	0.049	0.063	0.542
	PERPENDICULAR TO ALIGNMENT	744002	7254783.862	607608.102	146.177	BOTTOM				
745	PARALLEL TO ALIGNMENT	745000	7254784.011	607608.897	158.260	TOP	0.021	0.060	0.064	0.552
	PERPENDICULAR TO ALIGNMENT	745002	7254783.987	607608.829	146.680	BOTTOM				
746	PARALLEL TO ALIGNMENT	746000	7254784.139	607609.625	157.831	TOP	-0.054	-0.002	0.054	0.478
	PERPENDICULAR TO ALIGNMENT	746002	7254784.197	607609.626	146.461	BOTTOM				
747	PARALLEL TO ALIGNMENT	747000	7254784.212	607610.372	158.634	TOP	-0.070	-0.051	0.086	0.743
	PERPENDICULAR TO ALIGNMENT	747002	7254784.293	607610.431	147.024	BOTTOM				
748	PARALLEL TO ALIGNMENT	748000	7254784.345	607611.202	157.671	TOP	0.012	0.009	0.014	0.133
	PERPENDICULAR TO ALIGNMENT	748002	7254784.333	607611.193	146.841	BOTTOM				
749	PARALLEL TO ALIGNMENT	749000	7254784.467	607611.864	157.583	TOP	0.009	-0.012	0.014	0.137
	PERPENDICULAR TO ALIGNMENT	749002	7254784.458	607611.876	147.023	BOTTOM				
750	PARALLEL TO ALIGNMENT	750000	7254784.559	607612.608	157.987	TOP	-0.007	0.022	0.023	0.206
	PERPENDICULAR TO ALIGNMENT	750002	7254784.566	607612.583	146.767	BOTTOM				
751	PARALLEL TO ALIGNMENT	751000	7254784.708	607613.346	157.826	TOP	-0.014	0.107	0.108	0.993
	PERPENDICULAR TO ALIGNMENT	751002	7254784.724	607613.230	146.976	BOTTOM				
752	PARALLEL TO ALIGNMENT	752000	7254784.918	607614.056	158.852	TOP	0.020	-0.003	0.020	0.170
	PERPENDICULAR TO ALIGNMENT	752002	7254784.895	607614.060	147.082	BOTTOM				
753	PARALLEL TO ALIGNMENT	753000	7254784.951	607614.798	158.212	TOP	0.045	0.023	0.051	0.457
	PERPENDICULAR TO ALIGNMENT	753002	7254784.901	607614.772	147.132	BOTTOM				
754	PARALLEL TO ALIGNMENT	754000	7254785.110	607615.511	159.238	TOP	0.063	0.073	0.096	0.780
	PERPENDICULAR TO ALIGNMENT	754002	7254785.033	607615.422	146.898	BOTTOM				
755	PARALLEL TO ALIGNMENT	755000	7254785.175	607616.280	157.848	TOP	0.018	-0.013	0.022	0.211
	PERPENDICULAR TO ALIGNMENT	755002	7254785.155	607616.294	147.428	BOTTOM				
756	PARALLEL TO ALIGNMENT	756000	7254785.355	607617.057	158.179	TOP	0.019	-0.003	0.020	0.179
	PERPENDICULAR TO ALIGNMENT	756002	7254785.333	607617.060	147.259	BOTTOM				
757	PARALLEL TO ALIGNMENT	757000	7254785.393	607617.820	157.831	TOP	-0.064	0.030	0.071	0.684
	PERPENDICULAR TO ALIGNMENT	757002	7254785.463	607617.788	147.451	BOTTOM				
758	PARALLEL TO ALIGNMENT	758000	7254785.536	607618.546	158.814	TOP	-0.004	-0.029	0.029	0.255
	PERPENDICULAR TO ALIGNMENT	758002	7254785.540	607618.580	147.244	BOTTOM				
759	PARALLEL TO ALIGNMENT	759000	7254785.644	607619.322	158.151	TOP	-0.001	0.049	0.049	0.465
	PERPENDICULAR TO ALIGNMENT	759002	7254785.645	607619.267	147.651	BOTTOM				

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760	PARALLEL TO ALIGNMENT	760000	7254785.844	607620.023	158.091	TOP	-0.061	-0.010	0.062	0.571
	PERPENDICULAR TO ALIGNMENT	760002	7254785.911	607620.034	147.291	BOTTOM				
761	PARALLEL TO ALIGNMENT	761000	7254785.895	607620.724	157.926	TOP	0.053	0.021	0.057	0.540
	PERPENDICULAR TO ALIGNMENT	761002	7254785.837	607620.701	147.416	BOTTOM				
762	PARALLEL TO ALIGNMENT	762000	7254785.992	607621.438	158.333	TOP	0.048	-0.007	0.048	0.442
	PERPENDICULAR TO ALIGNMENT	762002	7254785.937	607621.446	147.363	BOTTOM				
763	PARALLEL TO ALIGNMENT	763000	7254786.151	607622.225	157.934	TOP	0.032	0.014	0.035	0.336
	PERPENDICULAR TO ALIGNMENT	763002	7254786.116	607622.209	147.444	BOTTOM				
764	PARALLEL TO ALIGNMENT	764000	7254786.275	607622.935	157.976	TOP	0.011	-0.062	0.063	0.581
	PERPENDICULAR TO ALIGNMENT	764002	7254786.262	607623.003	147.066	BOTTOM				
765	PARALLEL TO ALIGNMENT	765000	7254786.365	607623.759	158.271	TOP	0.031	0.072	0.079	0.740
	PERPENDICULAR TO ALIGNMENT	765002	7254786.329	607623.677	147.641	BOTTOM				
766	PARALLEL TO ALIGNMENT	766000	7254786.508	607624.492	157.877	TOP	0.016	-0.156	0.157	1.521
	PERPENDICULAR TO ALIGNMENT	766002	7254786.491	607624.662	147.557	BOTTOM				
767	PARALLEL TO ALIGNMENT	767000	7254786.611	607625.183	158.195	TOP	-0.039	0.054	0.066	0.637
	PERPENDICULAR TO ALIGNMENT	767002	7254786.655	607625.122	147.785	BOTTOM				
768	PARALLEL TO ALIGNMENT	768000	7254786.790	607625.846	157.889	TOP	0.017	-0.013	0.021	0.206
	PERPENDICULAR TO ALIGNMENT	768002	7254786.771	607625.860	147.519	BOTTOM				
769	PARALLEL TO ALIGNMENT	769000	7254786.864	607626.631	158.312	TOP	0.027	-0.014	0.031	0.283
	PERPENDICULAR TO ALIGNMENT	769002	7254786.833	607626.648	147.382	BOTTOM				
770	PARALLEL TO ALIGNMENT	770000	7254786.974	607627.398	158.591	TOP	0.037	0.102	0.109	0.966
	PERPENDICULAR TO ALIGNMENT	770002	7254786.931	607627.279	147.351	BOTTOM				
771	PARALLEL TO ALIGNMENT	771000	7254787.131	607628.159	158.222	TOP	0.017	-0.012	0.021	0.203
	PERPENDICULAR TO ALIGNMENT	771002	7254787.111	607628.173	147.692	BOTTOM				
772	PARALLEL TO ALIGNMENT	772000	7254787.249	607628.897	158.662	TOP	-0.008	0.011	0.013	0.120
	PERPENDICULAR TO ALIGNMENT	772002	7254787.258	607628.885	147.672	BOTTOM				
773	PARALLEL TO ALIGNMENT	773000	7254787.378	607629.665	158.299	TOP	0.008	-0.011	0.013	0.127
	PERPENDICULAR TO ALIGNMENT	773002	7254787.369	607629.677	147.659	BOTTOM				
774	PARALLEL TO ALIGNMENT	774000	7254787.454	607630.379	157.931	TOP	0.017	-0.012	0.021	0.204
	PERPENDICULAR TO ALIGNMENT	774002	7254787.434	607630.393	147.561	BOTTOM				
775	PARALLEL TO ALIGNMENT	775000	7254787.605	607631.120	158.267	TOP	-0.014	-0.027	0.030	0.286
	PERPENDICULAR TO ALIGNMENT	775002	7254787.621	607631.150	147.677	BOTTOM				
776	PARALLEL TO ALIGNMENT	776000	7254787.777	607631.797	157.866	TOP	0.015	0.027	0.031	0.293
	PERPENDICULAR TO ALIGNMENT	776002	7254787.761	607631.767	147.296	BOTTOM				
777	PARALLEL TO ALIGNMENT	777000	7254787.830	607632.583	158.651	TOP	0.031	0.014	0.034	0.311
	PERPENDICULAR TO ALIGNMENT	777002	7254787.794	607632.567	147.841	BOTTOM				

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778	PARALLEL TO ALIGNMENT	778000	7254787.869	607633.358	158.028	TOP	0.017	-0.012	0.021	0.203
	PERPENDICULAR TO ALIGNMENT	778002	7254787.850	607633.371	147.808	BOTTOM				
779	PARALLEL TO ALIGNMENT	779000	7254788.031	607634.084	158.600	TOP	-0.079	0.039	0.088	0.828
	PERPENDICULAR TO ALIGNMENT	779002	7254788.124	607634.038	147.960	BOTTOM				
780	PARALLEL TO ALIGNMENT	780000	7254788.154	607634.776	158.510	TOP	0.060	0.018	0.062	0.579
	PERPENDICULAR TO ALIGNMENT	780002	7254788.085	607634.755	147.740	BOTTOM				
781	PARALLEL TO ALIGNMENT	781000	7254788.292	607635.548	158.734	TOP	-0.033	0.024	0.041	0.383
	PERPENDICULAR TO ALIGNMENT	781002	7254788.331	607635.519	148.014	BOTTOM				
782	PARALLEL TO ALIGNMENT	782000	7254788.410	607636.281	158.570	TOP	-0.034	0.014	0.037	0.352
	PERPENDICULAR TO ALIGNMENT	782002	7254788.451	607636.264	147.960	BOTTOM				
783	PARALLEL TO ALIGNMENT	783000	7254788.551	607637.003	158.651	TOP	-0.009	0.002	0.009	0.087
	PERPENDICULAR TO ALIGNMENT	783002	7254788.562	607637.001	147.831	BOTTOM				
784	PARALLEL TO ALIGNMENT	784000	7254788.663	607637.745	158.382	TOP	-0.012	-0.017	0.021	0.195
	PERPENDICULAR TO ALIGNMENT	784002	7254788.676	607637.764	147.802	BOTTOM				
785	PARALLEL TO ALIGNMENT	785000	7254788.788	607638.486	158.812	TOP	0.000	0.000	0.000	0.000
	PERPENDICULAR TO ALIGNMENT	785002	7254788.788	607638.486	148.132	BOTTOM				
786	PARALLEL TO ALIGNMENT	786000	7254788.929	607639.221	158.111	TOP	-0.003	-0.018	0.018	0.179
	PERPENDICULAR TO ALIGNMENT	786002	7254788.932	607639.241	147.881	BOTTOM				
787	PARALLEL TO ALIGNMENT	787000	7254789.038	607639.928	158.928	TOP	0.022	0.024	0.033	0.301
	PERPENDICULAR TO ALIGNMENT	787002	7254789.011	607639.899	148.018	BOTTOM				
788	PARALLEL TO ALIGNMENT	788000	7254789.164	607640.681	158.597	TOP	-0.012	-0.016	0.020	0.190
	PERPENDICULAR TO ALIGNMENT	788002	7254789.178	607640.700	147.957	BOTTOM				
789	PARALLEL TO ALIGNMENT	789000	7254789.270	607641.413	158.486	TOP	0.000	0.056	0.056	0.536
	PERPENDICULAR TO ALIGNMENT	789002	7254789.270	607641.347	148.006	BOTTOM				
790	PARALLEL TO ALIGNMENT	790000	7254789.271	607642.205	159.472	TOP	-0.018	0.003	0.018	0.157
	PERPENDICULAR TO ALIGNMENT	790002	7254789.293	607642.201	148.042	BOTTOM				
791	PARALLEL TO ALIGNMENT	791000	7254789.475	607642.950	158.665	TOP	-0.002	-0.009	0.009	0.086
	PERPENDICULAR TO ALIGNMENT	791002	7254789.476	607642.960	147.995	BOTTOM				
792	PARALLEL TO ALIGNMENT	792000	7254789.601	607643.747	158.673	TOP	0.057	0.009	0.058	0.536
	PERPENDICULAR TO ALIGNMENT	792002	7254789.533	607643.736	147.823	BOTTOM				
793	PARALLEL TO ALIGNMENT	793000	7254789.745	607644.443	158.647	TOP	-0.013	0.041	0.043	0.390
	PERPENDICULAR TO ALIGNMENT	793002	7254789.759	607644.395	147.717	BOTTOM				
794	PARALLEL TO ALIGNMENT	794000	7254789.842	607645.170	158.611	TOP	-0.029	-0.005	0.029	0.270
	PERPENDICULAR TO ALIGNMENT	794002	7254789.875	607645.176	147.931	BOTTOM				
795	PARALLEL TO ALIGNMENT	795000	7254789.970	607645.894	158.650	TOP	0.048	0.021	0.053	0.501
	PERPENDICULAR TO ALIGNMENT	795002	7254789.912	607645.869	148.170	BOTTOM				

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796	PARALLEL TO ALIGNMENT	796000	7254790.124	607646.681	158.888	TOP	-0.034	0.076	0.083	0.785
	PERPENDICULAR TO ALIGNMENT	796002	7254790.165	607646.589	148.278	BOTTOM				
797	PARALLEL TO ALIGNMENT	797000	7254790.235	607647.396	158.750	TOP	0.021	0.015	0.026	0.242
	PERPENDICULAR TO ALIGNMENT	797002	7254790.210	607647.378	148.160	BOTTOM				
798	PARALLEL TO ALIGNMENT	798000	7254790.390	607648.113	158.229	TOP	-0.003	0.037	0.037	0.365
	PERPENDICULAR TO ALIGNMENT	798002	7254790.393	607648.071	148.119	BOTTOM				
799	PARALLEL TO ALIGNMENT	799000	7254790.481	607648.855	159.217	TOP	-0.014	0.020	0.024	0.229
	PERPENDICULAR TO ALIGNMENT	799002	7254790.499	607648.830	148.537	BOTTOM				
800	PARALLEL TO ALIGNMENT	800000	7254790.594	607649.572	158.970	TOP	0.001	0.008	0.009	0.081
	PERPENDICULAR TO ALIGNMENT	800002	7254790.592	607649.561	148.500	BOTTOM				
801	PARALLEL TO ALIGNMENT	801000	7254790.741	607650.328	159.224	TOP	-0.017	0.003	0.017	0.161
	PERPENDICULAR TO ALIGNMENT	801002	7254790.763	607650.324	148.504	BOTTOM				
802	PARALLEL TO ALIGNMENT	802000	7254790.832	607651.106	158.768	TOP	0.023	0.032	0.039	0.374
	PERPENDICULAR TO ALIGNMENT	802002	7254790.804	607651.067	148.328	BOTTOM				
803	PARALLEL TO ALIGNMENT	803000	7254790.977	607651.791	158.857	TOP	0.024	-0.012	0.026	0.261
	PERPENDICULAR TO ALIGNMENT	803002	7254790.948	607651.806	148.737	BOTTOM				
804	PARALLEL TO ALIGNMENT	804000	7254791.096	607652.542	158.592	TOP	0.024	-0.013	0.028	0.269
	PERPENDICULAR TO ALIGNMENT	804002	7254791.067	607652.557	148.312	BOTTOM				
805	PARALLEL TO ALIGNMENT	805000	7254791.213	607653.299	159.000	TOP	0.003	0.017	0.017	0.165
	PERPENDICULAR TO ALIGNMENT	805002	7254791.210	607653.278	148.550	BOTTOM				
806	PARALLEL TO ALIGNMENT	806000	7254791.309	607654.052	158.656	TOP	0.011	0.016	0.019	0.188
	PERPENDICULAR TO ALIGNMENT	806002	7254791.295	607654.034	148.546	BOTTOM				
807	PARALLEL TO ALIGNMENT	807000	7254791.418	607654.792	159.314	TOP	-0.004	0.025	0.026	0.251
	PERPENDICULAR TO ALIGNMENT	807002	7254791.423	607654.759	149.024	BOTTOM				
808	PARALLEL TO ALIGNMENT	808000	7254791.518	607655.535	159.066	TOP	-0.035	-0.012	0.037	0.362
	PERPENDICULAR TO ALIGNMENT	808002	7254791.562	607655.550	148.746	BOTTOM				
809	PARALLEL TO ALIGNMENT	809000	7254791.671	607656.297	159.120	TOP	0.058	0.011	0.059	0.551
	PERPENDICULAR TO ALIGNMENT	809002	7254791.599	607656.284	148.510	BOTTOM				
810	PARALLEL TO ALIGNMENT	810000	7254791.799	607657.021	158.568	TOP	0.027	0.013	0.030	0.304
	PERPENDICULAR TO ALIGNMENT	810002	7254791.767	607657.006	148.728	BOTTOM				
811	PARALLEL TO ALIGNMENT	811000	7254791.890	607657.726	158.894	TOP	-0.008	0.001	0.008	0.082
	PERPENDICULAR TO ALIGNMENT	811002	7254791.900	607657.725	148.864	BOTTOM				
812	PARALLEL TO ALIGNMENT	812000	7254792.009	607658.462	158.698	TOP	-0.027	-0.013	0.031	0.303
	PERPENDICULAR TO ALIGNMENT	812002	7254792.042	607658.478	148.628	BOTTOM				
813	PARALLEL TO ALIGNMENT	813000	7254792.145	607659.229	159.296	TOP	-0.015	0.011	0.019	0.179
	PERPENDICULAR TO ALIGNMENT	813002	7254792.164	607659.215	148.776	BOTTOM				

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814	PARALLEL TO ALIGNMENT	814000	7254792.219	607659.965	158.233	TOP	0.004	-0.027	0.028	0.278
	PERPENDICULAR TO ALIGNMENT	814002	7254792.214	607659.996	148.353	BOTTOM				
815	PARALLEL TO ALIGNMENT	815000	7254792.370	607660.738	158.847	TOP	-0.049	0.108	0.119	1.195
	PERPENDICULAR TO ALIGNMENT	815002	7254792.431	607660.605	148.887	BOTTOM				
816	PARALLEL TO ALIGNMENT	816000	7254792.475	607661.449	158.482	TOP	0.020	0.007	0.021	0.194
	PERPENDICULAR TO ALIGNMENT	816002	7254792.452	607661.441	147.612	BOTTOM				
817	PARALLEL TO ALIGNMENT	817000	7254792.644	607662.239	159.054	TOP	0.000	0.050	0.050	0.498
	PERPENDICULAR TO ALIGNMENT	817002	7254792.645	607662.176	149.074	BOTTOM				
818	PARALLEL TO ALIGNMENT	818000	7254792.752	607662.964	158.502	TOP	0.029	-0.030	0.042	0.428
	PERPENDICULAR TO ALIGNMENT	818002	7254792.717	607662.999	148.682	BOTTOM				
819	PARALLEL TO ALIGNMENT	819000	7254792.830	607663.710	159.070	TOP	-0.030	-0.029	0.042	0.407
	PERPENDICULAR TO ALIGNMENT	819002	7254792.867	607663.747	148.810	BOTTOM				
820	PARALLEL TO ALIGNMENT	820000	7254792.907	607664.438	158.518	TOP	0.045	0.057	0.073	0.693
	PERPENDICULAR TO ALIGNMENT	820002	7254792.854	607664.371	148.028	BOTTOM				
821	PARALLEL TO ALIGNMENT	821000	7254793.081	607665.178	159.007	TOP	-0.017	0.003	0.017	0.165
	PERPENDICULAR TO ALIGNMENT	821002	7254793.101	607665.175	148.827	BOTTOM				
822	PARALLEL TO ALIGNMENT	822000	7254793.183	607665.903	159.298	TOP	0.014	0.041	0.043	0.402
	PERPENDICULAR TO ALIGNMENT	822002	7254793.165	607665.851	148.558	BOTTOM				
823	PARALLEL TO ALIGNMENT	823000	7254793.374	607666.638	158.670	TOP	0.011	0.068	0.068	0.682
	PERPENDICULAR TO ALIGNMENT	823002	7254793.361	607666.557	148.640	BOTTOM				
824	PARALLEL TO ALIGNMENT	824000	7254793.504	607667.357	158.393	TOP	-0.034	-0.004	0.034	0.355
	PERPENDICULAR TO ALIGNMENT	824002	7254793.543	607667.362	148.693	BOTTOM				
825	PARALLEL TO ALIGNMENT	825000	7254793.589	607668.081	159.137	TOP	0.017	-0.003	0.017	0.162
	PERPENDICULAR TO ALIGNMENT	825002	7254793.568	607668.084	148.807	BOTTOM				
826	PARALLEL TO ALIGNMENT	826000	7254793.616	607668.838	158.408	TOP	0.023	-0.020	0.031	0.311
	PERPENDICULAR TO ALIGNMENT	826002	7254793.589	607668.861	148.578	BOTTOM				
827	PARALLEL TO ALIGNMENT	827000	7254793.814	607669.602	159.131	TOP	0.007	0.042	0.043	0.409
	PERPENDICULAR TO ALIGNMENT	827002	7254793.806	607669.549	148.641	BOTTOM				
828	PARALLEL TO ALIGNMENT	828000	7254793.922	607670.375	158.605	TOP	-0.023	0.022	0.032	0.307
	PERPENDICULAR TO ALIGNMENT	828002	7254793.949	607670.350	148.235	BOTTOM				
829	PARALLEL TO ALIGNMENT	829000	7254794.011	607671.108	159.190	TOP	-0.019	-0.014	0.024	0.229
	PERPENDICULAR TO ALIGNMENT	829002	7254794.036	607671.125	148.910	BOTTOM				
830	PARALLEL TO ALIGNMENT	830000	7254794.086	607671.872	158.397	TOP	-0.040	0.032	0.051	0.502
	PERPENDICULAR TO ALIGNMENT	830002	7254794.132	607671.836	148.317	BOTTOM				
831	PARALLEL TO ALIGNMENT	831000	7254794.238	607672.587	158.883	TOP	-0.007	0.010	0.012	0.118
	PERPENDICULAR TO ALIGNMENT	831002	7254794.246	607672.575	148.623	BOTTOM				
832	PARALLEL TO ALIGNMENT	832000	7254794.382	607673.369	158.653	TOP	-0.024	0.012	0.027	0.266

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	PERPENDICULAR TO ALIGNMENT	832002	7254794.411	607673.354	148.573	BOTTOM				
833	PARALLEL TO ALIGNMENT	833000	7254794.521	607674.082	159.219	TOP	0.017	0.005	0.018	0.177
	PERPENDICULAR TO ALIGNMENT	833002	7254794.498	607674.076	149.149	BOTTOM				
834	PARALLEL TO ALIGNMENT	834000	7254794.586	607674.830	158.708	TOP	-0.013	0.027	0.030	0.301
	PERPENDICULAR TO ALIGNMENT	834002	7254794.601	607674.797	148.688	BOTTOM				
835	PARALLEL TO ALIGNMENT	835000	7254794.829	607675.582	159.530	TOP	0.028	0.021	0.034	0.329
	PERPENDICULAR TO ALIGNMENT	835002	7254794.792	607675.555	149.060	BOTTOM				
836	PARALLEL TO ALIGNMENT	836000	7254794.913	607676.271	159.197	TOP	0.061	-0.016	0.063	0.633
	PERPENDICULAR TO ALIGNMENT	836002	7254794.834	607676.292	149.227	BOTTOM				
837	PARALLEL TO ALIGNMENT	837000	7254794.996	607677.015	159.570	TOP	-0.022	0.026	0.034	0.328
	PERPENDICULAR TO ALIGNMENT	837002	7254795.025	607676.980	149.160	BOTTOM				
838	PARALLEL TO ALIGNMENT	838000	7254794.971	607677.781	158.569	TOP	-0.067	0.011	0.068	0.677
	PERPENDICULAR TO ALIGNMENT	838002	7254795.050	607677.767	148.529	BOTTOM				
839	PARALLEL TO ALIGNMENT	839000	7254795.211	607678.492	159.071	TOP	0.016	0.048	0.050	0.495
	PERPENDICULAR TO ALIGNMENT	839002	7254795.190	607678.432	148.901	BOTTOM				
840	PARALLEL TO ALIGNMENT	840000	7254795.318	607679.243	158.629	TOP	-0.021	0.021	0.030	0.302
	PERPENDICULAR TO ALIGNMENT	840002	7254795.343	607679.218	148.759	BOTTOM				
841	PARALLEL TO ALIGNMENT	841000	7254795.490	607679.997	159.064	TOP	-0.015	0.011	0.018	0.183
	PERPENDICULAR TO ALIGNMENT	841002	7254795.509	607679.983	148.994	BOTTOM				
842	PARALLEL TO ALIGNMENT	842000	7254795.575	607680.747	158.368	TOP	-0.007	0.010	0.012	0.126
	PERPENDICULAR TO ALIGNMENT	842002	7254795.583	607680.735	148.928	BOTTOM				
843	PARALLEL TO ALIGNMENT	843000	7254795.714	607681.454	158.967	TOP	0.006	0.041	0.042	0.413
	PERPENDICULAR TO ALIGNMENT	843002	7254795.706	607681.402	148.867	BOTTOM				
844	PARALLEL TO ALIGNMENT	844000	7254795.829	607682.204	158.733	TOP	-0.028	-0.013	0.031	0.302
	PERPENDICULAR TO ALIGNMENT	844002	7254795.862	607682.220	148.563	BOTTOM				
845	PARALLEL TO ALIGNMENT	845000	7254795.976	607682.951	159.052	TOP	0.008	0.049	0.050	0.490
	PERPENDICULAR TO ALIGNMENT	845002	7254795.966	607682.890	148.882	BOTTOM				
846	PARALLEL TO ALIGNMENT	846000	7254796.058	607683.663	159.050	TOP	-0.008	0.001	0.008	0.081
	PERPENDICULAR TO ALIGNMENT	846002	7254796.068	607683.662	148.950	BOTTOM				
847	PARALLEL TO ALIGNMENT	847000	7254796.183	607684.397	159.106	TOP	-0.025	-0.004	0.026	0.255
	PERPENDICULAR TO ALIGNMENT	847002	7254796.215	607684.402	149.066	BOTTOM				
848	PARALLEL TO ALIGNMENT	848000	7254796.292	607685.182	159.314	TOP	0.003	0.017	0.017	0.160
	PERPENDICULAR TO ALIGNMENT	848002	7254796.288	607685.160	148.824	BOTTOM				
849	PARALLEL TO ALIGNMENT	849000	7254796.434	607685.902	159.518	TOP	0.017	0.005	0.018	0.174
	PERPENDICULAR TO ALIGNMENT	849002	7254796.411	607685.895	149.018	BOTTOM				
850	PARALLEL TO ALIGNMENT	850000	7254796.539	607686.654	158.861	TOP	-0.005	0.017	0.018	0.183

	PERPENDICULAR TO ALIGNMENT	850002	7254796.544	607686.633	149.091	BOTTOM				
851	PARALLEL TO ALIGNMENT	851000	7254796.618	607687.428	159.045	TOP	-0.094	0.082	0.124	1.236
	PERPENDICULAR TO ALIGNMENT	851002	7254796.735	607687.325	148.995	BOTTOM				
852	PARALLEL TO ALIGNMENT	852000	7254796.796	607688.120	159.219	TOP	0.022	0.028	0.036	0.351
	PERPENDICULAR TO ALIGNMENT	852002	7254796.768	607688.084	149.029	BOTTOM				
853	PARALLEL TO ALIGNMENT	853000	7254796.934	607688.896	159.466	TOP	-0.021	0.078	0.081	0.772
	PERPENDICULAR TO ALIGNMENT	853002	7254796.961	607688.794	148.996	BOTTOM				
854	PARALLEL TO ALIGNMENT	854000	7254797.038	607689.609	157.815	TOP	0.022	-0.013	0.025	0.288
	PERPENDICULAR TO ALIGNMENT	854002	7254797.014	607689.622	149.045	BOTTOM				
855	PARALLEL TO ALIGNMENT	855000	7254797.182	607690.344	159.108	TOP	-0.072	0.053	0.090	0.898
	PERPENDICULAR TO ALIGNMENT	855002	7254797.273	607690.277	149.138	BOTTOM				
856	PARALLEL TO ALIGNMENT	856000	7254797.317	607691.080	158.447	TOP	0.042	0.009	0.043	0.458
	PERPENDICULAR TO ALIGNMENT	856002	7254797.267	607691.069	149.157	BOTTOM				
857	PARALLEL TO ALIGNMENT	857000	7254797.425	607691.798	159.550	TOP	-0.001	-0.008	0.008	0.078
	PERPENDICULAR TO ALIGNMENT	857002	7254797.426	607691.808	149.110	BOTTOM				
858	PARALLEL TO ALIGNMENT	858000	7254797.521	607692.566	157.904	TOP	0.017	0.006	0.018	0.202
	PERPENDICULAR TO ALIGNMENT	858002	7254797.502	607692.560	148.894	BOTTOM				
859	PARALLEL TO ALIGNMENT	859000	7254797.645	607693.269	157.612	TOP	-0.018	-0.006	0.020	0.211
	PERPENDICULAR TO ALIGNMENT	859002	7254797.665	607693.276	148.332	BOTTOM				
860	PARALLEL TO ALIGNMENT	860000	7254797.715	607693.991	157.977	TOP	-0.015	0.022	0.027	0.258
	PERPENDICULAR TO ALIGNMENT	860002	7254797.732	607693.967	147.637	BOTTOM				
861	PARALLEL TO ALIGNMENT	861000	7254797.773	607694.789	157.625	TOP	-0.018	0.003	0.018	0.188
	PERPENDICULAR TO ALIGNMENT	861002	7254797.792	607694.786	147.955	BOTTOM				
862	PARALLEL TO ALIGNMENT	862000	7254797.950	607695.501	158.223	TOP	0.008	0.046	0.047	0.449
	PERPENDICULAR TO ALIGNMENT	862002	7254797.941	607695.448	147.853	BOTTOM				
863	PARALLEL TO ALIGNMENT	863000	7254798.142	607696.264	157.809	TOP	-0.021	-0.015	0.026	0.261
	PERPENDICULAR TO ALIGNMENT	863002	7254798.165	607696.280	147.939	BOTTOM				
864	PARALLEL TO ALIGNMENT	864000	7254798.209	607696.969	158.231	TOP	-0.032	0.033	0.046	0.443
	PERPENDICULAR TO ALIGNMENT	864002	7254798.245	607696.931	147.931	BOTTOM				
865	PARALLEL TO ALIGNMENT	865000	7254798.346	607697.716	158.074	TOP	0.004	-0.027	0.028	0.283
	PERPENDICULAR TO ALIGNMENT	865002	7254798.341	607697.746	148.284	BOTTOM				
866	PARALLEL TO ALIGNMENT	866000	7254798.489	607698.446	158.626	TOP	0.026	-0.013	0.029	0.269
	PERPENDICULAR TO ALIGNMENT	866002	7254798.459	607698.462	147.966	BOTTOM				
867	PARALLEL TO ALIGNMENT	867000	7254798.625	607699.208	157.975	TOP	-0.006	-0.043	0.043	0.451
	PERPENDICULAR TO ALIGNMENT	867002	7254798.632	607699.255	148.455	BOTTOM				
868	PARALLEL TO ALIGNMENT	868000	7254798.738	607699.927	158.070	TOP	0.054	0.000	0.054	0.544
	PERPENDICULAR TO ALIGNMENT	868002	7254798.677	607699.927	148.090	BOTTOM				

869	PARALLEL TO ALIGNMENT	869000	7254798.783	607700.678	157.817	TOP	-0.028	-0.013	0.031	0.330
	PERPENDICULAR TO ALIGNMENT	869002	7254798.813	607700.692	148.417	BOTTOM				
870	PARALLEL TO ALIGNMENT	870000	7254798.942	607701.460	158.785	TOP	0.015	-0.020	0.025	0.237
	PERPENDICULAR TO ALIGNMENT	870002	7254798.924	607701.485	148.205	BOTTOM				
871	PARALLEL TO ALIGNMENT	871000	7254799.126	607702.224	157.922	TOP	0.024	0.041	0.047	0.491
	PERPENDICULAR TO ALIGNMENT	871002	7254799.100	607702.179	148.352	BOTTOM				
872	PARALLEL TO ALIGNMENT	872000	7254799.228	607702.961	158.193	TOP	0.041	0.040	0.057	0.570
	PERPENDICULAR TO ALIGNMENT	872002	7254799.181	607702.915	148.173	BOTTOM				
873	PARALLEL TO ALIGNMENT	873000	7254799.291	607703.698	159.203	TOP	0.005	-0.027	0.028	0.255
	PERPENDICULAR TO ALIGNMENT	873002	7254799.284	607703.732	148.383	BOTTOM				
874	PARALLEL TO ALIGNMENT	874000	7254799.441	607704.430	158.949	TOP	-0.023	-0.032	0.039	0.370
	PERPENDICULAR TO ALIGNMENT	874002	7254799.469	607704.469	148.279	BOTTOM				
875	PARALLEL TO ALIGNMENT	875000	7254799.577	607705.150	157.713	TOP	0.002	0.017	0.017	0.185
	PERPENDICULAR TO ALIGNMENT	875002	7254799.574	607705.131	148.343	BOTTOM				
876	PARALLEL TO ALIGNMENT	876000	7254799.636	607705.869	158.240	TOP	0.058	-0.031	0.066	0.670
	PERPENDICULAR TO ALIGNMENT	876002	7254799.569	607705.904	148.360	BOTTOM				
877	PARALLEL TO ALIGNMENT	877000	7254799.695	607706.636	158.279	TOP	-0.057	0.036	0.067	0.667
	PERPENDICULAR TO ALIGNMENT	877002	7254799.760	607706.594	148.249	BOTTOM				
878	PARALLEL TO ALIGNMENT	878000	7254799.875	607707.363	157.994	TOP	-0.028	-0.005	0.028	0.285
	PERPENDICULAR TO ALIGNMENT	878002	7254799.906	607707.369	148.194	BOTTOM				
879	PARALLEL TO ALIGNMENT	879000	7254800.013	607708.131	157.708	TOP	0.007	-0.010	0.012	0.131
	PERPENDICULAR TO ALIGNMENT	879002	7254800.005	607708.142	148.198	BOTTOM				
880	PARALLEL TO ALIGNMENT	880000	7254800.141	607708.907	157.939	TOP	0.003	-0.038	0.038	0.383
	PERPENDICULAR TO ALIGNMENT	880002	7254800.138	607708.949	147.939	BOTTOM				
881	PARALLEL TO ALIGNMENT	881000	7254800.275	607709.586	158.219	TOP	0.022	-0.022	0.031	0.317
	PERPENDICULAR TO ALIGNMENT	881002	7254800.249	607709.610	148.349	BOTTOM				
882	PARALLEL TO ALIGNMENT	882000	7254800.410	607710.308	158.303	TOP	-0.076	-0.069	0.103	1.004
	PERPENDICULAR TO ALIGNMENT	882002	7254800.497	607710.387	148.073	BOTTOM				
883	PARALLEL TO ALIGNMENT	883000	7254800.498	607711.079	157.945	TOP	0.046	0.002	0.046	0.464
	PERPENDICULAR TO ALIGNMENT	883002	7254800.447	607711.077	148.045	BOTTOM				
884	PARALLEL TO ALIGNMENT	884000	7254800.650	607711.832	158.147	TOP	-0.012	0.041	0.043	0.404
	PERPENDICULAR TO ALIGNMENT	884002	7254800.664	607711.786	147.567	BOTTOM				
885	PARALLEL TO ALIGNMENT	885000	7254800.779	607712.585	158.205	TOP	0.028	0.004	0.028	0.280
	PERPENDICULAR TO ALIGNMENT	885002	7254800.748	607712.580	148.215	BOTTOM				
886	PARALLEL TO ALIGNMENT	886000	7254800.906	607713.337	159.202	TOP	0.052	0.047	0.070	0.633
	PERPENDICULAR TO ALIGNMENT	886002	7254800.842	607713.278	148.172	BOTTOM				
887	PARALLEL TO ALIGNMENT	887000	7254800.974	607714.083	157.978	TOP	-0.028	0.050	0.058	0.581

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	PERPENDICULAR TO ALIGNMENT	887002	7254801.005	607714.027	147.998	BOTTOM				
888	PARALLEL TO ALIGNMENT	888000	7254801.056	607714.831	159.214	TOP	-0.016	0.076	0.078	0.701
	PERPENDICULAR TO ALIGNMENT	888002	7254801.076	607714.736	148.144	BOTTOM				
889	PARALLEL TO ALIGNMENT	889000	7254801.204	607715.516	157.928	TOP	-0.025	0.057	0.063	0.655
	PERPENDICULAR TO ALIGNMENT	889002	7254801.232	607715.452	148.358	BOTTOM				
890	PARALLEL TO ALIGNMENT	890000	7254801.361	607716.226	157.807	TOP	0.032	-0.023	0.040	0.412
	PERPENDICULAR TO ALIGNMENT	890002	7254801.326	607716.251	148.177	BOTTOM				
891	PARALLEL TO ALIGNMENT	891000	7254801.477	607717.015	157.794	TOP	-0.069	-0.037	0.078	0.797
	PERPENDICULAR TO ALIGNMENT	891002	7254801.552	607717.055	147.964	BOTTOM				
892	PARALLEL TO ALIGNMENT	892000	7254801.627	607717.728	159.473	TOP	0.018	-0.047	0.051	0.459
	PERPENDICULAR TO ALIGNMENT	892002	7254801.604	607717.789	148.433	BOTTOM				
893	PARALLEL TO ALIGNMENT	893000	7254801.670	607718.463	157.986	TOP	-0.033	0.014	0.036	0.373
	PERPENDICULAR TO ALIGNMENT	893002	7254801.707	607718.448	148.376	BOTTOM				
894	PARALLEL TO ALIGNMENT	894000	7254801.975	607719.328	159.085	TOP	-0.009	0.057	0.058	0.517
	PERPENDICULAR TO ALIGNMENT	894002	7254801.986	607719.258	147.945	BOTTOM				
895	PARALLEL TO ALIGNMENT	895000	7254801.955	607719.983	157.850	TOP	-0.020	0.047	0.051	0.536
	PERPENDICULAR TO ALIGNMENT	895002	7254801.976	607719.931	148.280	BOTTOM				
896	PARALLEL TO ALIGNMENT	896000	7254802.091	607720.695	159.707	TOP	-0.026	0.014	0.029	0.248
	PERPENDICULAR TO ALIGNMENT	896002	7254802.125	607720.677	147.907	BOTTOM				
897	PARALLEL TO ALIGNMENT	897000	7254802.249	607721.454	157.692	TOP	0.031	0.023	0.039	0.396
	PERPENDICULAR TO ALIGNMENT	897002	7254802.215	607721.429	147.892	BOTTOM				
898	PARALLEL TO ALIGNMENT	898000	7254802.315	607722.190	157.933	TOP	-0.037	-0.003	0.037	0.374
	PERPENDICULAR TO ALIGNMENT	898002	7254802.356	607722.194	148.063	BOTTOM				
899	PARALLEL TO ALIGNMENT	899000	7254802.453	607722.905	158.113	TOP	-0.027	-0.005	0.028	0.282
	PERPENDICULAR TO ALIGNMENT	899002	7254802.484	607722.911	148.343	BOTTOM				
900	PARALLEL TO ALIGNMENT	900000	7254802.559	607723.595	159.021	TOP	0.064	0.017	0.066	0.621
	PERPENDICULAR TO ALIGNMENT	900002	7254802.480	607723.574	148.441	BOTTOM				
901	PARALLEL TO ALIGNMENT	901000	7254802.669	607724.358	159.217	TOP	-0.044	-0.003	0.044	0.411
	PERPENDICULAR TO ALIGNMENT	901002	7254802.725	607724.362	148.447	BOTTOM				
902	PARALLEL TO ALIGNMENT	902000	7254802.789	607725.093	158.143	TOP	0.010	0.014	0.018	0.196
	PERPENDICULAR TO ALIGNMENT	902002	7254802.777	607725.077	149.123	BOTTOM				
903	PARALLEL TO ALIGNMENT	903000	7254802.908	607725.895	158.260	TOP	-0.019	0.026	0.032	0.365
	PERPENDICULAR TO ALIGNMENT	903002	7254802.930	607725.865	149.490	BOTTOM				
904	PARALLEL TO ALIGNMENT	904000	7254803.042	607726.613	158.251	TOP	0.006	-0.018	0.019	0.196
	PERPENDICULAR TO ALIGNMENT	904002	7254803.036	607726.633	148.511	BOTTOM				
905	PARALLEL TO ALIGNMENT	905000	7254803.120	607727.351	158.142	TOP	0.011	0.022	0.024	0.276

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	PERPENDICULAR TO ALIGNMENT	905002	7254803.107	607727.325	149.372	BOTTOM				
906	PARALLEL TO ALIGNMENT	906000	7254803.261	607728.143	158.001	TOP	0.006	0.046	0.047	0.534
	PERPENDICULAR TO ALIGNMENT	906002	7254803.254	607728.091	149.261	BOTTOM				
907	PARALLEL TO ALIGNMENT	907000	7254803.395	607728.875	158.123	TOP	0.026	-0.027	0.037	0.436
	PERPENDICULAR TO ALIGNMENT	907002	7254803.365	607728.906	149.653	BOTTOM				
908	PARALLEL TO ALIGNMENT	908000	7254803.469	607729.623	158.033	TOP	-0.031	-0.003	0.031	0.365
	PERPENDICULAR TO ALIGNMENT	908002	7254803.504	607729.626	149.523	BOTTOM				
909	PARALLEL TO ALIGNMENT	909000	7254803.572	607730.338	158.072	TOP	-0.013	-0.023	0.026	0.281
	PERPENDICULAR TO ALIGNMENT	909002	7254803.586	607730.364	148.692	BOTTOM				
910	PARALLEL TO ALIGNMENT	910000	7254803.708	607731.141	157.716	TOP	0.017	0.013	0.021	0.261
	PERPENDICULAR TO ALIGNMENT	910002	7254803.690	607731.127	149.666	BOTTOM				
911	PARALLEL TO ALIGNMENT	911000	7254803.870	607731.869	158.174	TOP	0.008	-0.001	0.008	0.087
	PERPENDICULAR TO ALIGNMENT	911002	7254803.861	607731.871	149.194	BOTTOM				
912	PARALLEL TO ALIGNMENT	912000	7254803.959	607732.654	158.155	TOP	0.012	-0.026	0.029	0.317
	PERPENDICULAR TO ALIGNMENT	912002	7254803.946	607732.684	149.075	BOTTOM				
913	PARALLEL TO ALIGNMENT	913000	7254804.084	607733.431	158.716	TOP	0.005	-0.018	0.018	0.187
	PERPENDICULAR TO ALIGNMENT	913002	7254804.078	607733.452	148.846	BOTTOM				
914	PARALLEL TO ALIGNMENT	914000	7254804.239	607734.254	157.844	TOP	-0.007	0.001	0.007	0.090
	PERPENDICULAR TO ALIGNMENT	914002	7254804.247	607734.253	149.644	BOTTOM				
915	PARALLEL TO ALIGNMENT	915000	7254804.408	607735.051	157.708	TOP	0.014	0.038	0.040	0.470
	PERPENDICULAR TO ALIGNMENT	915002	7254804.393	607735.010	149.188	BOTTOM				
916	PARALLEL TO ALIGNMENT	916000	7254804.557	607735.852	158.025	TOP	0.020	0.028	0.034	0.395
	PERPENDICULAR TO ALIGNMENT	916002	7254804.535	607735.820	149.405	BOTTOM				
917	PARALLEL TO ALIGNMENT	917000	7254804.640	607736.614	158.544	TOP	-0.016	0.003	0.016	0.169
	PERPENDICULAR TO ALIGNMENT	917002	7254804.659	607736.611	149.004	BOTTOM				
918	PARALLEL TO ALIGNMENT	918000	7254804.722	607737.399	158.505	TOP	-0.056	0.023	0.060	0.688
	PERPENDICULAR TO ALIGNMENT	918002	7254804.789	607737.371	149.715	BOTTOM				
919	PARALLEL TO ALIGNMENT	919000	7254804.879	607738.198	158.672	TOP	-0.073	0.033	0.081	0.924
	PERPENDICULAR TO ALIGNMENT	919002	7254804.970	607738.157	149.952	BOTTOM				
920	PARALLEL TO ALIGNMENT	920000	7254805.073	607738.912	157.841	TOP	0.017	-0.033	0.037	0.450
	PERPENDICULAR TO ALIGNMENT	920002	7254805.053	607738.948	149.621	BOTTOM				
921	PARALLEL TO ALIGNMENT	921000	7254805.160	607739.738	157.318	TOP	-0.006	0.009	0.011	0.138
	PERPENDICULAR TO ALIGNMENT	921002	7254805.166	607739.729	149.228	BOTTOM				
922	PARALLEL TO ALIGNMENT	922000	7254805.284	607740.574	158.200	TOP	-0.007	0.001	0.008	0.087
	PERPENDICULAR TO ALIGNMENT	922002	7254805.292	607740.573	149.530	BOTTOM				
923	PARALLEL TO ALIGNMENT	923000	7254805.360	607741.347	157.806	TOP	-0.002	-0.015	0.015	0.181

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	PERPENDICULAR TO ALIGNMENT	923002	7254805.363	607741.363	149.626	BOTTOM				
924	PARALLEL TO ALIGNMENT	924000	7254805.438	607742.159	158.094	TOP	0.018	0.020	0.027	0.317
	PERPENDICULAR TO ALIGNMENT	924002	7254805.417	607742.135	149.594	BOTTOM				
925	PARALLEL TO ALIGNMENT	925000	7254805.627	607742.906	158.636	TOP	-0.033	-0.004	0.033	0.346
	PERPENDICULAR TO ALIGNMENT	925002	7254805.667	607742.911	148.966	BOTTOM				
926	PARALLEL TO ALIGNMENT	926000	7254805.788	607743.761	158.516	TOP	0.025	0.050	0.056	0.609
	PERPENDICULAR TO ALIGNMENT	926002	7254805.758	607743.701	149.346	BOTTOM				
927	PARALLEL TO ALIGNMENT	927000	7254805.887	607744.511	157.752	TOP	0.003	0.023	0.023	0.275
	PERPENDICULAR TO ALIGNMENT	927002	7254805.883	607744.485	149.232	BOTTOM				
928	PARALLEL TO ALIGNMENT	928000	7254806.018	607745.313	158.069	TOP	0.010	0.007	0.012	0.128
	PERPENDICULAR TO ALIGNMENT	928002	7254806.007	607745.305	148.419	BOTTOM				
929	PARALLEL TO ALIGNMENT	929000	7254806.171	607746.079	159.002	TOP	-0.001	-0.008	0.008	0.080
	PERPENDICULAR TO ALIGNMENT	929002	7254806.172	607746.088	149.332	BOTTOM				
930	PARALLEL TO ALIGNMENT	930000	7254806.325	607746.876	158.561	TOP	0.016	0.018	0.024	0.295
	PERPENDICULAR TO ALIGNMENT	930002	7254806.304	607746.854	150.371	BOTTOM				
931	PARALLEL TO ALIGNMENT	931000	7254806.430	607747.627	158.017	TOP	0.016	0.005	0.017	0.199
	PERPENDICULAR TO ALIGNMENT	931002	7254806.412	607747.621	149.387	BOTTOM				
932	PARALLEL TO ALIGNMENT	932000	7254806.524	607748.418	158.004	TOP	0.024	0.017	0.030	0.377
	PERPENDICULAR TO ALIGNMENT	932002	7254806.496	607748.398	150.114	BOTTOM				
933	PARALLEL TO ALIGNMENT	933000	7254806.654	607749.265	158.259	TOP	-0.027	0.038	0.047	0.599
	PERPENDICULAR TO ALIGNMENT	933002	7254806.686	607749.219	150.439	BOTTOM				
934	PARALLEL TO ALIGNMENT	934000	7254806.760	607750.032	158.948	TOP	-0.032	-0.025	0.041	0.450
	PERPENDICULAR TO ALIGNMENT	934002	7254806.800	607750.064	149.888	BOTTOM				
935	PARALLEL TO ALIGNMENT	935000	7254806.927	607750.789	158.174	TOP	-0.014	0.002	0.014	0.173
	PERPENDICULAR TO ALIGNMENT	935002	7254806.943	607750.787	149.884	BOTTOM				
936	PARALLEL TO ALIGNMENT	936000	7254806.997	607751.561	157.839	TOP	-0.003	-0.021	0.022	0.272
	PERPENDICULAR TO ALIGNMENT	936002	7254807.001	607751.585	149.849	BOTTOM				
937	PARALLEL TO ALIGNMENT	937000	7254807.147	607752.375	158.395	TOP	0.027	0.002	0.027	0.341
	PERPENDICULAR TO ALIGNMENT	937002	7254807.115	607752.372	150.455	BOTTOM				
938	PARALLEL TO ALIGNMENT	938000	7254807.257	607753.143	157.941	TOP	-0.025	-0.024	0.034	0.445
	PERPENDICULAR TO ALIGNMENT	938002	7254807.285	607753.170	150.221	BOTTOM				
939	PARALLEL TO ALIGNMENT	939000	7254807.422	607753.965	158.415	TOP	0.031	0.016	0.035	0.418
	PERPENDICULAR TO ALIGNMENT	939002	7254807.384	607753.946	150.045	BOTTOM				
940	PARALLEL TO ALIGNMENT	940000	7254807.557	607754.719	157.867	TOP	-0.007	0.001	0.007	0.091
	PERPENDICULAR TO ALIGNMENT	940002	7254807.565	607754.717	150.047	BOTTOM				
941	PARALLEL TO ALIGNMENT	941000	7254807.682	607755.535	157.616	TOP	-0.006	-0.004	0.008	0.129
	PERPENDICULAR TO ALIGNMENT	941002	7254807.689	607755.540	151.576	BOTTOM				

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942	PARALLEL TO ALIGNMENT	942000	7254807.811	607756.330	157.711	TOP	0.007	-0.001	0.007	0.091
	PERPENDICULAR TO ALIGNMENT	942002	7254807.804	607756.331	150.391	BOTTOM				
943	PARALLEL TO ALIGNMENT	943000	7254807.954	607757.155	157.749	TOP	-0.009	-0.012	0.014	0.202
	PERPENDICULAR TO ALIGNMENT	943002	7254807.963	607757.168	150.649	BOTTOM				
944	PARALLEL TO ALIGNMENT	944000	7254808.057	607757.959	158.105	TOP	-0.020	0.010	0.023	0.280
	PERPENDICULAR TO ALIGNMENT	944002	7254808.081	607757.947	149.995	BOTTOM				
945	PARALLEL TO ALIGNMENT	945000	7254808.221	607758.727	157.422	TOP	-0.035	-0.021	0.041	0.606
	PERPENDICULAR TO ALIGNMENT	945002	7254808.258	607758.749	150.652	BOTTOM				
946	PARALLEL TO ALIGNMENT	946000	7254808.330	607759.499	157.599	TOP	-0.031	-0.001	0.032	0.469
	PERPENDICULAR TO ALIGNMENT	946002	7254808.364	607759.500	150.879	BOTTOM				
947	PARALLEL TO ALIGNMENT	947000	7254808.439	607760.296	157.505	TOP	-0.034	-0.002	0.034	0.482
	PERPENDICULAR TO ALIGNMENT	947002	7254808.475	607760.298	150.515	BOTTOM				
948	PARALLEL TO ALIGNMENT	948000	7254808.587	607761.049	157.698	TOP	-0.008	-0.012	0.015	0.206
	PERPENDICULAR TO ALIGNMENT	948002	7254808.596	607761.062	150.638	BOTTOM				
949	PARALLEL TO ALIGNMENT	949000	7254808.690	607761.824	157.368	TOP	-0.020	-0.044	0.048	0.693
	PERPENDICULAR TO ALIGNMENT	949002	7254808.711	607761.870	150.468	BOTTOM				
950	PARALLEL TO ALIGNMENT	950000	7254808.805	607762.643	157.335	TOP	0.012	-0.002	0.012	0.191
	PERPENDICULAR TO ALIGNMENT	950002	7254808.792	607762.644	151.195	BOTTOM				
951	PARALLEL TO ALIGNMENT	951000	7254809.011	607763.408	157.945	TOP	-0.009	-0.017	0.019	0.274
	PERPENDICULAR TO ALIGNMENT	951002	7254809.021	607763.427	151.065	BOTTOM				
952	PARALLEL TO ALIGNMENT	952000	7254809.072	607764.210	157.809	TOP	-0.010	-0.018	0.021	0.287
	PERPENDICULAR TO ALIGNMENT	952002	7254809.083	607764.230	150.659	BOTTOM				
953	PARALLEL TO ALIGNMENT	953000	7254809.182	607765.018	157.421	TOP	-0.017	0.015	0.022	0.339
	PERPENDICULAR TO ALIGNMENT	953002	7254809.200	607765.001	150.781	BOTTOM				
954	PARALLEL TO ALIGNMENT	954000	7254809.315	607765.784	157.330	TOP	-0.012	0.030	0.032	0.552
	PERPENDICULAR TO ALIGNMENT	954002	7254809.328	607765.752	151.470	BOTTOM				
955	PARALLEL TO ALIGNMENT	955000	7254809.432	607766.578	157.965	TOP	-0.019	0.034	0.039	0.554
	PERPENDICULAR TO ALIGNMENT	955002	7254809.454	607766.539	151.005	BOTTOM				
956	PARALLEL TO ALIGNMENT	956000	7254809.552	607767.355	158.579	TOP	0.001	0.006	0.006	0.081
	PERPENDICULAR TO ALIGNMENT	956002	7254809.550	607767.347	150.939	BOTTOM				
957	PARALLEL TO ALIGNMENT	957000	7254809.727	607768.155	157.682	TOP	0.001	0.006	0.006	0.090
	PERPENDICULAR TO ALIGNMENT	957002	7254809.725	607768.148	151.072	BOTTOM				
958	PARALLEL TO ALIGNMENT	958000	7254809.944	607768.993	157.648	TOP	0.007	0.010	0.012	0.201
	PERPENDICULAR TO ALIGNMENT	958002	7254809.936	607768.982	151.578	BOTTOM				
959	PARALLEL TO ALIGNMENT	959000	7254810.028	607769.770	158.470	TOP	-0.009	-0.021	0.023	0.329
	PERPENDICULAR TO ALIGNMENT	959002	7254810.039	607769.797	151.380	BOTTOM				
960	PARALLEL TO ALIGNMENT	960000	7254810.096	607770.550	158.044	TOP	0.012	-0.033	0.035	0.509

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	PERPENDICULAR TO ALIGNMENT	960002	7254810.081	607770.588	151.144	BOTTOM				
961	PARALLEL TO ALIGNMENT	961000	7254810.250	607771.344	157.712	TOP	-0.028	0.010	0.029	0.456
	PERPENDICULAR TO ALIGNMENT	961002	7254810.281	607771.332	151.262	BOTTOM				
962	PARALLEL TO ALIGNMENT	962000	7254810.396	607772.122	157.827	TOP	-0.020	0.054	0.057	0.900
	PERPENDICULAR TO ALIGNMENT	962002	7254810.419	607772.060	151.477	BOTTOM				
963	PARALLEL TO ALIGNMENT	963000	7254810.499	607772.939	158.268	TOP	-0.015	-0.026	0.030	0.441
	PERPENDICULAR TO ALIGNMENT	963002	7254810.518	607772.971	151.448	BOTTOM				
964	PARALLEL TO ALIGNMENT	964000	7254810.653	607773.737	157.952	TOP	0.014	0.015	0.020	0.309
	PERPENDICULAR TO ALIGNMENT	964002	7254810.637	607773.720	151.462	BOTTOM				
965	PARALLEL TO ALIGNMENT	965000	7254810.746	607774.495	157.811	TOP	-0.009	-0.016	0.019	0.279
	PERPENDICULAR TO ALIGNMENT	965002	7254810.756	607774.514	151.151	BOTTOM				
966	PARALLEL TO ALIGNMENT	966000	7254810.916	607775.296	157.917	TOP	0.034	0.061	0.070	1.016
	PERPENDICULAR TO ALIGNMENT	966002	7254810.877	607775.226	151.047	BOTTOM				
967	PARALLEL TO ALIGNMENT	967000	7254811.013	607776.095	157.983	TOP	-0.003	-0.058	0.058	0.956
	PERPENDICULAR TO ALIGNMENT	967002	7254811.017	607776.164	151.913	BOTTOM				
968	PARALLEL TO ALIGNMENT	968000	7254811.226	607776.811	157.790	TOP	-0.006	0.014	0.015	0.304
	PERPENDICULAR TO ALIGNMENT	968002	7254811.233	607776.795	152.840	BOTTOM				
969	PARALLEL TO ALIGNMENT	969000	7254811.279	607777.640	158.444	TOP	0.024	-0.013	0.027	0.484
	PERPENDICULAR TO ALIGNMENT	969002	7254811.247	607777.657	152.844	BOTTOM				
970	PARALLEL TO ALIGNMENT	970000	7254811.407	607778.419	157.702	TOP	0.004	-0.005	0.006	0.123
	PERPENDICULAR TO ALIGNMENT	970002	7254811.403	607778.425	152.632	BOTTOM				
971	PARALLEL TO ALIGNMENT	971000	7254811.506	607779.223	158.101	TOP	0.027	-0.014	0.031	0.526
	PERPENDICULAR TO ALIGNMENT	971002	7254811.472	607779.240	152.231	BOTTOM				
972	PARALLEL TO ALIGNMENT	972000	7254811.719	607779.951	157.794	TOP	0.002	-0.045	0.045	0.939
	PERPENDICULAR TO ALIGNMENT	972002	7254811.717	607780.005	152.974	BOTTOM				
973	PARALLEL TO ALIGNMENT	973000	7254811.826	607780.766	158.130	TOP	0.022	-0.024	0.032	0.536
	PERPENDICULAR TO ALIGNMENT	973002	7254811.799	607780.796	152.120	BOTTOM				
974	PARALLEL TO ALIGNMENT	974000	7254811.993	607781.573	157.697	TOP	0.021	-0.019	0.029	0.617
	PERPENDICULAR TO ALIGNMENT	974002	7254811.968	607781.596	153.027	BOTTOM				
975	PARALLEL TO ALIGNMENT	975000	7254812.025	607782.379	158.058	TOP	0.041	-0.031	0.051	0.903
	PERPENDICULAR TO ALIGNMENT	975002	7254811.975	607782.417	152.388	BOTTOM				

Pile No.	Theoretical spacing	THEORICAL COORDINATE			COORDINATE AT ELEVATION 157					
		North	East	Bedrock Elevation	North	East	ΔN	ΔE	Distance (m)	Real spacing (As-built)
0001	0.800	7254614.410	607072.083	155.386	7254614.463	607072.043	-0.053	0.039	0.066	-
0002	0.800	7254614.737	607072.812	155.384	7254614.798	607072.762	-0.030	0.028	0.041	0.793
0003	0.800	7254615.064	607073.542	155.158	7254615.072	607073.537	0.035	-0.026	0.043	0.822
0004	0.800	7254615.392	607074.272	154.907	7254615.417	607074.235	-0.005	0.024	0.024	0.778
0005	0.800	7254615.719	607075.002	154.653	7254615.752	607074.979	-0.033	0.023	0.040	0.817
0006	0.800	7254616.046	607075.732	154.590	7254616.046	607075.758	0.038	-0.054	0.066	0.832
0007	0.800	7254616.374	607076.462	154.573	7254616.416	607076.428	-0.007	0.007	0.010	0.766
0008	0.800	7254616.701	607077.192	154.473	7254616.645	607077.183	0.056	0.010	0.057	0.788
0009	0.800	7254617.028	607077.922	154.319	7254617.067	607077.891	-0.039	0.031	0.050	0.825
0010	0.800	7254617.356	607078.652	154.200	7254617.375	607078.660	-0.005	-0.026	0.027	0.828
0011	0.800	7254617.683	607079.382	154.166	7254617.673	607079.377	0.042	-0.012	0.044	0.776
0012	0.800	7254618.010	607080.112	154.031	7254618.003	607080.106	0.015	0.001	0.015	0.800
0013	0.800	7254618.337	607080.842	153.858	7254618.362	607080.838	-0.025	0.004	0.025	0.816
0014	0.800	7254618.665	607081.572	153.700	7254618.706	607081.596	-0.031	-0.019	0.036	0.832
0015	0.800	7254618.992	607082.302	153.699	7254618.988	607082.316	0.010	-0.014	0.018	0.773
0016	0.800	7254619.319	607083.032	153.766	7254619.322	607083.011	-0.011	0.029	0.031	0.772
0017	0.800	7254619.647	607083.762	153.852	7254619.634	607083.765	0.012	-0.003	0.013	0.816
0018	0.800	7254619.974	607084.492	153.970	7254619.969	607084.513	-0.011	-0.014	0.018	0.820
0019	0.800	7254620.301	607085.222	154.065	7254620.283	607085.232	0.027	-0.006	0.027	0.785
0020	0.800	7254620.629	607085.952	154.109	7254620.635	607086.013	-0.001	-0.053	0.053	0.857
0021	0.800	7254620.956	607086.682	154.048	7254620.984	607086.688	-0.028	-0.005	0.029	0.759
0022	0.800	7254621.283	607087.412	153.970	7254621.325	607087.388	-0.025	0.006	0.026	0.779
0023	0.800	7254621.610	607088.142	153.884	7254621.615	607088.100	-0.001	0.056	0.056	0.769
0024	0.800	7254621.938	607088.872	153.811	7254621.963	607088.845	-0.035	0.018	0.039	0.822
0025	0.800	7254622.265	607089.602	153.750	7254622.243	607089.625	0.022	-0.023	0.032	0.829
0026	0.800	7254622.592	607090.332	153.750	7254622.592	607090.351	0.000	-0.006	0.006	0.806
0027	0.800	7254622.920	607091.062	153.670	7254622.942	607091.066	-0.027	0.018	0.032	0.796
0028	0.800	7254623.247	607091.792	153.517	7254623.250	607091.765	0.014	0.039	0.042	0.764

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0029	0.800	7254623.574	607092.522	153.430	7254623.587	607092.542	-0.013	-0.020	0.024	0.847
0030	0.800	7254623.902	607093.252	153.322	7254623.886	607093.242	0.025	0.021	0.033	0.761
0031	0.800	7254624.229	607093.982	153.269	7254624.235	607093.984	0.005	0.019	0.019	0.820
0032	0.800	7254624.556	607094.712	153.270	7254624.606	607094.717	-0.042	0.007	0.042	0.822
0033	0.800	7254624.883	607095.442	153.190	7254624.893	607095.463	-0.010	-0.021	0.023	0.800
0034	0.800	7254625.211	607096.172	153.049	7254625.222	607096.164	-0.004	0.017	0.018	0.775
0035	0.800	7254625.538	607096.902	153.037	7254625.543	607096.900	0.015	0.006	0.016	0.803
0036	0.800	7254625.865	607097.632	153.044	7254625.864	607097.629	0.020	-0.005	0.020	0.796
0037	0.800	7254626.193	607098.362	153.063	7254626.224	607098.349	-0.031	0.013	0.034	0.804
0038	0.800	7254626.520	607099.092	153.077	7254626.511	607099.093	0.024	-0.014	0.028	0.798
0039	0.800	7254626.847	607099.822	152.961	7254626.846	607099.808	0.018	0.004	0.019	0.790
0040	0.800	7254627.175	607100.552	152.898	7254627.140	607100.563	0.036	-0.021	0.041	0.810
0041	0.800	7254627.502	607101.282	152.867	7254627.506	607101.276	-0.004	0.006	0.007	0.802
0042	0.800	7254627.829	607102.012	152.847	7254627.829	607101.977	0.016	0.024	0.028	0.772
0043	0.800	7254628.156	607102.742	152.800	7254628.183	607102.726	-0.013	0.003	0.014	0.828
0044	0.800	7254628.484	607103.472	152.749	7254628.480	607103.467	0.029	-0.013	0.032	0.799
0045	0.800	7254628.811	607104.202	152.624	7254628.834	607104.182	-0.023	0.019	0.030	0.798
0046	0.800	7254629.138	607104.932	152.345	7254629.189	607104.940	-0.039	-0.028	0.048	0.837
0047	0.800	7254629.466	607105.662	152.276	7254629.467	607105.643	0.003	0.009	0.010	0.755
0048	0.800	7254629.793	607106.392	152.277	7254629.787	607106.399	-0.001	-0.017	0.017	0.822
0049	0.800	7254630.120	607107.122	152.406	7254630.106	607107.122	0.014	0.000	0.014	0.790
0050	0.800	7254630.448	607107.852	152.418	7254630.426	607107.854	0.002	-0.004	0.005	0.799
0051	0.800	7254630.775	607108.582	152.404	7254630.752	607108.578	0.015	-0.002	0.015	0.794
0052	0.800	7254631.102	607109.312	152.400	7254631.100	607109.330	-0.011	-0.026	0.028	0.829
0053	0.800	7254631.429	607110.042	152.345	7254631.427	607110.031	0.003	0.011	0.011	0.773
0054	0.800	7254631.757	607110.772	152.207	7254631.799	607110.780	-0.028	-0.016	0.032	0.837
0055	0.800	7254632.084	607111.502	152.106	7254632.115	607111.498	-0.030	-0.004	0.030	0.784
0056	0.800	7254632.411	607112.232	152.030	7254632.401	607112.214	0.029	0.013	0.032	0.771
0057	0.800	7254632.739	607112.962	151.997	7254632.743	607112.957	-0.005	0.004	0.006	0.818
0058	0.800	7254633.066	607113.692	152.054	7254633.087	607113.719	-0.009	-0.036	0.037	0.836
0059	0.800	7254633.393	607114.422	152.153	7254633.413	607114.408	-0.023	0.010	0.026	0.762
0060	0.800	7254633.721	607115.152	152.157	7254633.713	607115.144	0.011	-0.001	0.011	0.795
0061	0.800	7254634.048	607115.881	152.158	7254634.036	607115.880	0.012	0.002	0.012	0.803
0062	0.800	7254634.375	607116.611	152.131	7254634.382	607116.596	-0.006	0.010	0.012	0.796
0063	0.800	7254634.702	607117.341	152.068	7254634.716	607117.333	-0.022	-0.005	0.022	0.809
0064	0.800	7254635.030	607118.071	152.013	7254635.048	607118.061	-0.013	-0.006	0.015	0.800
0065	0.800	7254635.357	607118.801	151.952	7254635.353	607118.777	0.004	0.025	0.025	0.778
0066	0.800	7254635.684	607119.531	151.905	7254635.720	607119.518	-0.042	-0.002	0.043	0.827
0067	0.800	7254636.012	607120.261	151.912	7254636.001	607120.257	0.014	0.000	0.014	0.790
0068	0.800	7254636.339	607120.991	152.016	7254636.362	607121.001	-0.022	-0.005	0.023	0.827

0069	0.800	7254636.666	607121.721	151.982	7254636.677	607121.736	-0.011	-0.015	0.019	0.800
0070	0.800	7254636.994	607122.451	151.982	7254636.973	607122.459	0.032	0.002	0.032	0.781
0071	0.800	7254637.321	607123.181	152.041	7254637.333	607123.185	-0.002	0.010	0.010	0.811
0072	0.800	7254637.648	607123.911	152.127	7254637.686	607123.937	-0.027	-0.018	0.032	0.831
0073	0.800	7254637.975	607124.641	152.128	7254637.985	607124.654	-0.010	-0.013	0.016	0.776
0074	0.800	7254638.303	607125.371	152.156	7254638.310	607125.411	-0.006	-0.032	0.033	0.824
0075	0.800	7254638.630	607126.101	152.165	7254638.625	607126.104	0.012	0.010	0.016	0.761
0076	0.800	7254638.957	607126.831	152.186	7254638.919	607126.842	0.038	-0.003	0.038	0.795
0077	0.800	7254639.285	607127.561	152.193	7254639.289	607127.574	-0.004	-0.013	0.013	0.820
0078	0.800	7254639.612	607128.291	152.178	7254639.640	607128.272	-0.018	0.022	0.028	0.781
0079	0.800	7254639.939	607129.021	152.057	7254639.956	607129.014	-0.008	0.024	0.025	0.807
0080	0.800	7254640.267	607129.751	151.981	7254640.239	607129.748	0.043	0.010	0.044	0.787
0081	0.800	7254640.594	607130.481	151.956	7254640.608	607130.501	-0.014	-0.020	0.024	0.839
0082	0.800	7254640.921	607131.211	151.885	7254640.951	607131.204	-0.018	0.007	0.019	0.782
0083	0.800	7254641.248	607131.941	151.828	7254641.258	607131.920	-0.011	0.054	0.055	0.779
0084	0.800	7254641.576	607132.671	151.827	7254641.576	607132.672	-0.004	0.011	0.011	0.817
0085	0.800	7254641.903	607133.401	151.830	7254641.887	607133.446	0.016	-0.045	0.048	0.834
0086	0.800	7254642.230	607134.131	151.914	7254642.212	607134.168	0.008	-0.009	0.012	0.792
0087	0.800	7254642.558	607134.861	151.945	7254642.554	607134.872	-0.001	0.005	0.005	0.783
0088	0.800	7254642.885	607135.591	151.916	7254642.880	607135.606	0.006	-0.016	0.018	0.803
0089	0.800	7254643.212	607136.321	151.916	7254643.219	607136.307	-0.007	0.014	0.016	0.779
0090	0.800	7254643.540	607137.051	151.925	7254643.532	607137.049	0.023	-0.006	0.024	0.805
0091	0.800	7254643.867	607137.781	151.938	7254643.889	607137.779	-0.017	-0.006	0.018	0.813
0092	0.800	7254644.194	607138.511	151.904	7254644.195	607138.473	0.012	0.035	0.037	0.759
0093	0.800	7254644.521	607139.241	151.904	7254644.526	607139.238	-0.004	0.003	0.005	0.833
0094	0.800	7254644.849	607139.971	151.937	7254644.797	607139.984	0.049	-0.015	0.052	0.793
0095	0.800	7254645.176	607140.701	151.933	7254645.167	607140.699	0.004	-0.004	0.006	0.805
0096	0.800	7254645.503	607141.431	151.927	7254645.497	607141.418	-0.006	0.007	0.009	0.791
0097	0.800	7254645.831	607142.161	151.970	7254645.816	607142.151	0.015	0.009	0.018	0.799
0098	0.800	7254646.158	607142.891	151.928	7254646.160	607142.912	-0.015	-0.022	0.027	0.835
0099	0.800	7254646.485	607143.621	151.925	7254646.475	607143.627	-0.001	-0.022	0.022	0.782
0100	0.800	7254646.813	607144.351	151.959	7254646.823	607144.370	-0.018	-0.027	0.032	0.820
0101	0.800	7254647.140	607145.081	151.954	7254647.133	607145.059	0.006	0.022	0.023	0.756
0102	0.800	7254647.467	607145.811	151.942	7254647.461	607145.792	0.000	0.005	0.005	0.803
0103	0.800	7254647.794	607146.541	151.697	7254647.788	607146.536	0.002	-0.004	0.005	0.813
0104	0.800	7254648.122	607147.271	151.936	7254648.116	607147.297	0.002	-0.026	0.026	0.828
0105	0.800	7254648.449	607148.001	151.981	7254648.448	607148.005	0.001	-0.004	0.005	0.782
0106	0.800	7254648.776	607148.731	151.975	7254648.759	607148.763	0.019	-0.024	0.031	0.819
0107	0.800	7254649.104	607149.461	151.976	7254649.108	607149.471	-0.011	0.000	0.011	0.790
0108	0.800	7254649.431	607150.191	152.007	7254649.428	607150.205	-0.001	0.001	0.001	0.800
0109	0.800	7254649.758	607150.921	151.970	7254649.745	607150.939	0.013	-0.018	0.022	0.800

0110	0.800	7254650.086	607151.651	151.966	7254650.084	607151.678	-0.007	-0.016	0.017	0.813
0111	0.800	7254650.413	607152.381	152.009	7254650.409	607152.386	-0.006	0.020	0.021	0.779
0112	0.800	7254650.740	607153.111	151.949	7254650.745	607153.117	-0.011	0.013	0.016	0.804
0113	0.800	7254651.067	607153.841	151.689	7254651.060	607153.873	0.008	-0.032	0.033	0.819
0114	0.800	7254651.395	607154.571	151.616	7254651.371	607154.579	0.003	0.009	0.010	0.771
0115	0.800	7254651.722	607155.301	151.598	7254651.688	607155.303	0.025	0.024	0.034	0.791
0116	0.800	7254652.049	607156.031	151.595	7254652.044	607156.079	-0.017	-0.037	0.041	0.854
0117	0.800	7254652.377	607156.761	151.560	7254652.366	607156.780	0.011	-0.020	0.022	0.772
0118	0.800	7254652.704	607157.491	151.535	7254652.714	607157.494	-0.012	0.008	0.015	0.794
0119	0.800	7254653.031	607158.220	151.543	7254653.038	607158.225	-0.010	0.019	0.021	0.799
0120	0.800	7254653.359	607158.950	151.606	7254653.351	607158.920	0.013	0.046	0.048	0.762
0121	0.800	7254653.686	607159.680	151.595	7254653.690	607159.707	-0.004	-0.027	0.027	0.857
0122	0.800	7254654.013	607160.410	151.595	7254653.976	607160.377	0.033	0.035	0.048	0.729
0123	0.800	7254654.340	607161.140	151.623	7254654.329	607161.118	0.020	0.040	0.044	0.820
0124	0.800	7254654.668	607161.870	151.625	7254654.695	607161.885	-0.027	-0.022	0.035	0.850
0125	0.800	7254654.995	607162.600	151.503	7254655.008	607162.607	-0.013	-0.007	0.014	0.787
0126	0.800	7254655.322	607163.330	151.298	7254655.346	607163.320	-0.001	0.013	0.013	0.789
0127	Transition	7254655.650	607164.060	151.279	7254655.682	607164.059	-0.034	-0.032	0.047	0.811
0128	0.750	7254655.956	607164.745	151.021	7254655.965	607164.734	0.020	0.018	0.026	0.733
0129	0.750	7254656.263	607165.429	150.626	7254656.289	607165.445	-0.025	-0.016	0.030	0.781
0130	0.750	7254656.570	607166.113	150.575	7254656.595	607166.151	-0.017	-0.035	0.039	0.770
0131	0.750	7254656.877	607166.798	150.436	7254656.868	607166.787	0.005	0.020	0.021	0.692
0132	0.750	7254657.184	607167.482	150.112	7254657.131	607167.484	0.032	-0.007	0.033	0.745
0133	0.750	7254657.491	607168.167	149.979	7254657.458	607168.169	0.033	-0.002	0.033	0.759
0134	0.750	7254657.798	607168.851	149.954	7254657.823	607168.884	-0.030	-0.032	0.044	0.803
0135	0.750	7254658.104	607169.535	149.808	7254658.127	607169.535	-0.047	-0.008	0.048	0.719
0136	0.750	7254658.411	607170.220	149.661	7254658.407	607170.214	0.007	-0.004	0.008	0.735
0137	0.750	7254658.718	607170.904	149.652	7254658.701	607170.885	0.017	0.019	0.025	0.732
0138	0.750	7254659.025	607171.588	149.616	7254659.028	607171.604	-0.006	-0.029	0.029	0.790
0139	0.750	7254659.332	607172.273	149.612	7254659.344	607172.266	-0.015	-0.020	0.025	0.733
0140	0.750	7254659.639	607172.957	149.610	7254659.590	607172.929	0.060	0.007	0.061	0.708
0141	0.750	7254659.945	607173.641	149.576	7254659.956	607173.607	-0.010	0.034	0.036	0.770
0142	0.750	7254660.252	607174.326	149.407	7254660.236	607174.347	0.006	-0.044	0.045	0.791
0143	0.750	7254660.559	607175.010	149.414	7254660.529	607174.997	0.026	-0.014	0.030	0.714
0144	0.750	7254660.866	607175.694	149.389	7254660.802	607175.656	0.040	0.022	0.045	0.713
0145	0.750	7254661.173	607176.379	149.360	7254661.155	607176.359	0.018	0.020	0.027	0.786
0146	0.750	7254661.480	607177.063	149.237	7254661.397	607177.038	0.051	0.005	0.052	0.721
0147	0.750	7254661.786	607177.748	149.227	7254661.742	607177.728	0.035	0.001	0.036	0.771
0148	0.750	7254662.093	607178.432	149.224	7254662.071	607178.402	0.000	0.012	0.012	0.750
0149	0.750	7254662.400	607179.116	149.269	7254662.400	607179.099	0.000	0.017	0.017	0.771
0150	0.750	7254662.707	607179.801	149.359	7254662.711	607179.783	-0.006	-0.001	0.006	0.752

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0151	0.750	7254663.014	607180.485	149.398	7254663.009	607180.466	-0.005	-0.003	0.006	0.745
0152	0.750	7254663.321	607181.169	149.506	7254663.285	607181.139	0.023	0.008	0.024	0.727
0153	0.750	7254663.628	607181.854	149.634	7254663.607	607181.827	0.020	0.027	0.033	0.760
0154	0.750	7254663.934	607182.538	149.595	7254663.920	607182.558	-0.010	-0.033	0.034	0.795
0155	0.750	7254664.241	607183.222	149.589	7254664.213	607183.224	0.012	-0.016	0.019	0.727
0156	0.750	7254664.548	607183.907	149.547	7254664.561	607183.926	-0.033	-0.019	0.039	0.784
0157	0.750	7254664.855	607184.591	149.528	7254664.842	607184.590	0.013	0.001	0.013	0.721
0158	0.750	7254665.162	607185.275	149.509	7254665.112	607185.302	0.013	-0.022	0.025	0.762
0159	0.750	7254665.469	607185.960	149.494	7254665.408	607185.971	0.033	-0.026	0.042	0.731
0160	0.750	7254665.775	607186.644	149.494	7254665.727	607186.609	-0.003	0.026	0.026	0.714
0161	0.750	7254666.082	607187.329	149.526	7254666.039	607187.300	0.043	0.029	0.052	0.758
0162	0.750	7254666.389	607188.013	149.600	7254666.307	607187.991	0.036	-0.008	0.037	0.741
0163	0.750	7254666.696	607188.697	149.647	7254666.645	607188.666	0.020	0.014	0.024	0.755
0164	0.750	7254667.003	607189.382	149.638	7254666.986	607189.368	-0.017	-0.005	0.018	0.780
0165	0.750	7254667.310	607190.066	149.267	7254667.291	607190.059	0.018	0.007	0.019	0.756
0166	0.750	7254667.617	607190.750	149.588	7254667.587	607190.757	0.008	-0.017	0.019	0.758
0167	0.750	7254667.923	607191.435	149.586	7254667.898	607191.422	0.027	-0.006	0.027	0.734
0168	0.750	7254668.230	607192.119	149.600	7254668.199	607192.069	0.030	0.028	0.041	0.713
0169	0.750	7254668.537	607192.803	149.265	7254668.559	607192.771	-0.022	0.032	0.039	0.790
0170	0.750	7254668.844	607193.488	149.625	7254668.862	607193.514	0.011	-0.038	0.040	0.802
0171	0.750	7254669.151	607194.172	149.726	7254669.188	607194.180	-0.032	-0.013	0.035	0.742
0172	0.750	7254669.458	607194.856	149.979	7254669.437	607194.907	0.034	-0.037	0.050	0.769
0173	0.750	7254669.764	607195.541	150.115	7254669.753	607195.562	0.011	-0.021	0.023	0.727
0174	0.750	7254670.071	607196.225	150.209	7254670.057	607196.204	-0.011	0.020	0.023	0.711
0175	0.750	7254670.378	607196.910	150.302	7254670.338	607196.886	0.033	0.040	0.052	0.738
0176	0.750	7254670.685	607197.594	150.206	7254670.641	607197.574	0.023	0.015	0.027	0.751
0177	0.750	7254670.992	607198.278	150.126	7254670.990	607198.291	0.002	-0.013	0.013	0.798
0178	0.750	7254671.299	607198.963	150.060	7254671.314	607198.951	-0.016	0.016	0.023	0.735
0179	0.750	7254671.605	607199.647	150.037	7254671.606	607199.644	0.002	0.016	0.016	0.752
0180	0.750	7254671.912	607200.331	150.022	7254671.917	607200.327	-0.001	0.009	0.009	0.750
0181	0.750	7254672.219	607201.016	150.020	7254672.227	607201.027	-0.008	-0.012	0.014	0.766
0182	0.750	7254672.526	607201.700	150.021	7254672.534	607201.742	0.002	-0.036	0.036	0.778
0183	0.750	7254672.833	607202.384	149.994	7254672.845	607202.385	0.006	0.005	0.008	0.714
0184	0.750	7254673.140	607203.069	150.038	7254673.135	607203.046	0.025	0.024	0.035	0.721
0185	0.750	7254673.447	607203.753	150.218	7254673.475	607203.754	-0.029	-0.001	0.029	0.786
0186	0.750	7254673.753	607204.438	150.330	7254673.763	607204.463	0.022	-0.017	0.028	0.765
0187	0.750	7254674.060	607205.122	150.340	7254674.093	607205.137	-0.024	-0.015	0.028	0.751
0188	0.750	7254674.367	607205.806	150.480	7254674.353	607205.830	0.025	-0.017	0.030	0.740
0189	0.750	7254674.674	607206.491	150.575	7254674.664	607206.490	0.010	0.001	0.010	0.729
0190	0.750	7254674.981	607207.175	150.603	7254674.990	607207.183	-0.009	-0.013	0.016	0.766
0191	0.750	7254675.288	607207.859	150.604	7254675.298	607207.850	-0.022	0.011	0.024	0.734

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0192	0.750	7254675.594	607208.544	150.585	7254675.566	607208.606	0.028	-0.065	0.071	0.802
0193	0.750	7254675.901	607209.228	150.585	7254675.889	607209.232	0.012	-0.004	0.012	0.705
0194	0.750	7254676.208	607209.912	150.676	7254676.185	607209.938	0.008	-0.008	0.011	0.766
0195	0.750	7254676.515	607210.597	150.813	7254676.496	607210.628	0.013	-0.044	0.046	0.757
0196	0.750	7254676.822	607211.281	150.875	7254676.792	607211.294	0.020	-0.011	0.023	0.729
0197	0.750	7254677.129	607211.965	150.843	7254677.129	607211.938	-0.001	0.028	0.028	0.726
0198	0.750	7254677.436	607212.650	150.708	7254677.461	607212.648	-0.028	-0.022	0.035	0.784
0199	0.750	7254677.742	607213.334	150.667	7254677.738	607213.315	0.017	-0.005	0.018	0.722
0200	0.750	7254678.049	607214.019	150.542	7254678.039	607214.026	0.020	-0.027	0.034	0.772
0201	0.750	7254678.356	607214.703	150.475	7254678.381	607214.682	-0.025	0.021	0.033	0.740
0202	0.750	7254678.663	607215.387	150.478	7254678.655	607215.386	0.014	-0.031	0.034	0.756
0203	0.750	7254678.970	607216.072	150.537	7254678.957	607216.028	0.022	0.027	0.035	0.710
0204	0.750	7254679.277	607216.756	150.400	7254679.294	607216.716	-0.027	0.012	0.029	0.766
0205	0.750	7254679.583	607217.440	150.253	7254679.578	607217.428	0.006	0.012	0.013	0.767
0206	0.750	7254679.890	607218.125	150.200	7254679.916	607218.145	-0.030	-0.012	0.032	0.793
0207	0.750	7254680.197	607218.809	150.201	7254680.195	607218.839	0.012	-0.038	0.039	0.747
0208	0.750	7254680.504	607219.493	150.300	7254680.483	607219.512	0.032	-0.006	0.033	0.733
0209	0.750	7254680.811	607220.178	150.409	7254680.835	607220.174	-0.025	0.004	0.025	0.750
0210	0.750	7254681.118	607220.862	150.529	7254681.042	607220.888	0.064	-0.033	0.072	0.743
0211	0.750	7254681.424	607221.546	150.538	7254681.376	607221.536	0.039	0.012	0.040	0.730
0212	0.750	7254681.731	607222.231	150.592	7254681.684	607222.235	0.002	-0.005	0.005	0.763
0213	0.750	7254682.038	607222.915	150.615	7254681.995	607222.923	0.043	-0.008	0.044	0.755
0214	0.750	7254682.345	607223.600	150.637	7254682.261	607223.634	0.039	-0.039	0.055	0.760
0215	0.750	7254682.652	607224.284	150.613	7254682.605	607224.268	0.021	-0.007	0.022	0.721
0216	0.750	7254682.959	607224.968	150.511	7254682.952	607224.900	-0.020	0.033	0.039	0.721
0217	0.750	7254683.266	607225.653	150.511	7254683.258	607225.599	0.008	0.054	0.055	0.762
0218	0.750	7254683.572	607226.337	150.495	7254683.562	607226.293	-0.008	-0.016	0.018	0.758
0219	0.750	7254683.879	607227.021	150.478	7254683.851	607226.955	0.023	0.034	0.042	0.723
0220	0.750	7254684.186	607227.706	150.433	7254684.153	607227.652	0.018	0.015	0.024	0.760
0221	Transition	7254684.493	607228.390	150.409	7254684.491	607228.380	0.002	0.010	0.010	0.803
0222	0.800	7254684.824	607229.129	150.339	7254684.791	607229.117	0.006	0.002	0.006	0.795
0223	0.800	7254685.151	607229.859	150.323	7254685.103	607229.858	0.031	-0.013	0.034	0.803
0224	0.800	7254685.479	607230.589	150.331	7254685.468	607230.578	-0.028	0.005	0.028	0.808
0225	0.800	7254685.806	607231.319	150.463	7254685.777	607231.308	0.029	0.010	0.030	0.793
0226	0.800	7254686.133	607232.049	150.436	7254686.123	607232.044	-0.021	-0.023	0.031	0.813
0227	0.800	7254686.461	607232.779	150.426	7254686.427	607232.734	0.037	0.034	0.050	0.754
0228	0.800	7254686.788	607233.508	150.429	7254686.772	607233.525	0.017	-0.045	0.048	0.863
0229	0.800	7254687.115	607234.238	150.434	7254687.150	607234.226	-0.035	0.012	0.037	0.797
0230	0.800	7254687.442	607234.968	150.521	7254687.475	607234.981	0.004	0.012	0.013	0.822
0231	0.800	7254687.770	607235.698	150.575	7254687.807	607235.761	0.001	-0.070	0.070	0.848
0232	0.800	7254688.097	607236.428	150.710	7254688.102	607236.447	0.034	0.011	0.036	0.747

0233	0.800	7254688.424	607237.158	150.971	7254688.464	607237.156	-0.040	0.002	0.040	0.796
0234	0.800	7254688.752	607237.888	151.076	7254688.776	607237.870	-0.002	0.005	0.005	0.779
0235	0.800	7254689.079	607238.618	151.218	7254689.084	607238.593	0.032	0.005	0.033	0.786
0236	0.800	7254689.406	607239.348	151.115	7254689.395	607239.291	0.031	0.026	0.040	0.764
0237	0.800	7254689.734	607240.078	150.784	7254689.768	607240.040	-0.035	0.039	0.052	0.837
0238	0.800	7254690.061	607240.808	150.717	7254690.055	607240.820	0.029	-0.049	0.057	0.832
0239	0.800	7254690.388	607241.538	150.719	7254690.399	607241.502	0.014	0.005	0.014	0.764
0240	0.800	7254690.715	607242.268	150.722	7254690.760	607242.234	-0.031	0.004	0.031	0.816
0241	0.800	7254691.043	607242.998	150.668	7254691.058	607242.974	-0.015	0.024	0.029	0.798
0242	0.800	7254691.370	607243.728	150.648	7254691.341	607243.710	0.026	0.010	0.028	0.789
0243	0.800	7254691.697	607244.458	150.608	7254691.677	607244.468	0.024	-0.022	0.033	0.828
0244	0.800	7254692.025	607245.188	150.608	7254691.985	607245.178	0.025	0.015	0.029	0.774
0245	0.800	7254692.352	607245.918	150.649	7254692.343	607245.917	0.009	0.001	0.009	0.821
0246	0.800	7254692.679	607246.648	150.512	7254692.670	607246.678	0.001	-0.040	0.040	0.828
0247	0.800	7254693.007	607247.378	150.467	7254692.999	607247.360	0.000	0.012	0.012	0.757
0248	0.800	7254693.334	607248.108	150.488	7254693.344	607248.098	-0.017	-0.006	0.018	0.815
0249	0.800	7254693.661	607248.838	150.626	7254693.654	607248.825	0.007	0.013	0.015	0.791
0250	0.800	7254693.988	607249.568	150.722	7254693.968	607249.571	0.002	-0.008	0.008	0.809
0251	0.800	7254694.316	607250.298	150.942	7254694.286	607250.301	0.043	0.005	0.043	0.796
0252	0.800	7254694.643	607251.028	151.067	7254694.619	607251.064	0.026	-0.020	0.032	0.832
0253	0.800	7254694.970	607251.758	151.101	7254695.004	607251.786	-0.033	-0.028	0.044	0.819
0254	0.800	7254695.298	607252.488	150.992	7254695.289	607252.511	0.019	-0.013	0.023	0.779
0255	0.800	7254695.625	607253.218	150.976	7254695.612	607253.210	0.017	0.019	0.026	0.770
0256	0.800	7254695.952	607253.948	150.974	7254695.946	607253.922	-0.012	0.020	0.023	0.786
0257	0.800	7254696.280	607254.678	150.964	7254696.256	607254.673	0.024	0.005	0.024	0.812
0258	0.800	7254696.607	607255.408	150.906	7254696.553	607255.425	0.014	-0.023	0.027	0.809
0259	0.800	7254696.934	607256.138	150.902	7254696.878	607256.131	0.025	0.007	0.026	0.777
0260	0.800	7254697.261	607256.868	150.877	7254697.216	607256.896	-0.003	-0.029	0.029	0.837
0261	0.800	7254697.589	607257.598	150.851	7254697.549	607257.603	0.040	-0.006	0.040	0.782
0262	0.800	7254697.916	607258.328	150.815	7254697.875	607258.346	-0.007	-0.004	0.008	0.811
0263	0.800	7254698.243	607259.058	150.818	7254698.186	607259.081	0.029	-0.020	0.036	0.798
0264	0.800	7254698.571	607259.788	150.875	7254698.523	607259.794	0.011	0.005	0.012	0.789
0265	0.800	7254698.898	607260.518	150.918	7254698.882	607260.517	0.016	0.001	0.016	0.808
0266	0.800	7254699.225	607261.248	151.064	7254699.189	607261.270	0.018	-0.018	0.025	0.813
0267	0.800	7254699.553	607261.978	151.029	7254699.531	607261.986	0.014	-0.003	0.014	0.794
0268	0.800	7254699.880	607262.708	151.068	7254699.870	607262.748	-0.001	-0.030	0.030	0.833
0269	0.800	7254700.207	607263.438	151.262	7254700.207	607263.449	0.000	-0.011	0.011	0.778
0270	0.800	7254700.534	607264.168	151.156	7254700.562	607264.203	-0.027	-0.046	0.054	0.834
0271	0.800	7254700.862	607264.898	151.123	7254700.863	607264.865	0.007	0.037	0.038	0.727
0272	0.800	7254701.189	607265.628	151.074	7254701.202	607265.561	-0.004	0.049	0.049	0.774
0273	0.800	7254701.516	607266.358	150.940	7254701.532	607266.355	-0.016	0.003	0.016	0.860

0274	0.800	7254701.844	607267.088	150.912	7254701.836	607267.068	0.002	0.018	0.018	0.775
0275	0.800	7254702.171	607267.818	150.906	7254702.143	607267.817	0.040	-0.005	0.040	0.809
0276	0.800	7254702.498	607268.548	150.908	7254702.492	607268.501	-0.004	0.041	0.042	0.768
0277	0.800	7254702.826	607269.278	150.996	7254702.834	607269.268	-0.009	0.010	0.013	0.840
0278	0.800	7254703.153	607270.008	151.149	7254703.156	607269.999	0.001	-0.001	0.002	0.799
0279	0.800	7254703.480	607270.738	151.420	7254703.480	607270.727	-0.010	0.009	0.014	0.797
0280	0.800	7254703.807	607271.468	151.488	7254703.767	607271.471	0.025	-0.005	0.025	0.797
0281	0.800	7254704.135	607272.198	151.677	7254704.105	607272.204	0.030	-0.007	0.031	0.808
0282	0.800	7254704.462	607272.928	151.685	7254704.406	607272.942	0.012	-0.053	0.054	0.797
0283	0.800	7254704.789	607273.658	151.744	7254704.732	607273.574	0.017	0.040	0.043	0.711
0284	Transition	7254705.117	607274.388	151.636	7254705.051	607274.318	0.012	-0.020	0.024	0.810
0285	0.750	7254705.423	607275.072	151.332	7254705.394	607275.022	0.029	0.050	0.058	0.783
0286	0.750	7254705.730	607275.756	151.110	7254705.703	607275.742	-0.001	-0.046	0.046	0.783
0287	0.750	7254706.037	607276.441	151.013	7254706.010	607276.369	0.013	0.042	0.044	0.698
0288	0.750	7254706.344	607277.125	150.932	7254706.320	607277.051	0.012	0.034	0.036	0.749
0289	0.750	7254706.651	607277.809	150.746	7254706.653	607277.799	-0.002	0.010	0.010	0.819
0290	0.750	7254706.958	607278.494	150.655	7254706.944	607278.485	0.008	0.033	0.034	0.745
0291	0.750	7254707.265	607279.178	150.500	7254707.252	607279.236	0.017	-0.048	0.051	0.811
0292	0.750	7254707.571	607279.862	150.053	7254707.573	607279.930	-0.005	-0.024	0.025	0.765
0293	0.750	7254707.878	607280.547	150.033	7254707.884	607280.576	-0.006	-0.030	0.030	0.717
0294	0.750	7254708.185	607281.231	149.111	7254708.190	607281.255	-0.026	0.005	0.027	0.745
0295	0.750	7254708.492	607281.915	149.780	7254708.442	607281.944	0.069	-0.019	0.072	0.733
0296	0.750	7254708.799	607282.600	149.659	7254708.761	607282.625	0.029	-0.016	0.033	0.753
0297	0.750	7254709.106	607283.284	149.567	7254709.138	607283.274	-0.032	0.010	0.034	0.750
0298	0.750	7254709.412	607283.969	149.433	7254709.406	607283.953	0.033	0.006	0.034	0.730
0299	0.750	7254709.719	607284.653	149.304	7254709.741	607284.644	-0.014	-0.009	0.016	0.767
0300	0.750	7254710.026	607285.337	149.218	7254710.043	607285.349	-0.015	-0.029	0.033	0.768
0301	0.750	7254710.333	607286.022	149.070	7254710.317	607285.996	0.016	0.026	0.030	0.702
0302	0.750	7254710.640	607286.706	148.906	7254710.585	607286.699	0.031	0.007	0.032	0.752
0303	0.750	7254710.947	607287.390	148.688	7254710.916	607287.417	0.010	-0.041	0.042	0.790
0304	0.750	7254711.253	607288.075	148.689	7254711.268	607288.070	-0.043	0.016	0.046	0.743
0305	0.750	7254711.560	607288.759	148.628	7254711.535	607288.755	0.025	0.004	0.025	0.735
0306	0.750	7254711.867	607289.443	148.551	7254711.828	607289.456	0.017	-0.041	0.044	0.759
0307	0.750	7254712.174	607290.128	148.545	7254712.153	607290.074	-0.011	0.053	0.054	0.699
0308	0.750	7254712.481	607290.812	148.413	7254712.479	607290.807	-0.028	-0.020	0.035	0.802
0309	0.750	7254712.788	607291.497	148.158	7254712.749	607291.500	0.039	-0.003	0.039	0.743
0310	0.750	7254713.095	607292.181	148.062	7254713.082	607292.191	-0.022	-0.004	0.022	0.767
0311	0.750	7254713.401	607292.865	148.026	7254713.371	607292.873	0.009	-0.012	0.015	0.741
0312	0.750	7254713.708	607293.550	147.868	7254713.687	607293.551	0.005	-0.003	0.006	0.748
0313	0.750	7254714.015	607294.234	147.712	7254714.011	607294.223	0.004	0.011	0.012	0.746
0314	0.750	7254714.322	607294.918	147.712	7254714.366	607294.938	-0.035	-0.048	0.059	0.798

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0315	0.750	7254714.629	607295.603	147.031	7254714.651	607295.556	-0.015	0.024	0.028	0.681
0316	0.750	7254714.936	607296.287	147.678	7254714.930	607296.260	0.026	-0.013	0.029	0.757
0317	0.750	7254715.242	607296.971	147.642	7254715.261	607296.937	-0.019	0.034	0.039	0.754
0318	0.750	7254715.549	607297.656	147.645	7254715.541	607297.659	0.031	-0.040	0.050	0.775
0319	0.750	7254715.856	607298.340	147.618	7254715.883	607298.302	-0.002	-0.004	0.005	0.728
0320	0.750	7254716.163	607299.024	147.588	7254716.194	607298.999	-0.001	-0.018	0.019	0.763
0321	0.750	7254716.470	607299.709	146.940	7254716.502	607299.659	-0.032	0.050	0.060	0.728
0322	0.750	7254716.777	607300.393	146.940	7254716.758	607300.354	0.023	-0.008	0.025	0.740
0323	0.750	7254717.084	607301.078	146.756	7254717.060	607301.032	0.030	0.036	0.047	0.742
0324	0.750	7254717.390	607301.762	146.756	7254717.352	607301.742	0.017	0.013	0.022	0.767
0325	0.750	7254717.697	607302.446	146.915	7254717.677	607302.477	0.020	-0.031	0.037	0.805
0326	0.750	7254718.004	607303.131	147.073	7254718.011	607303.107	-0.018	0.042	0.045	0.713
0327	0.750	7254718.311	607303.815	146.996	7254718.309	607303.821	0.009	-0.008	0.012	0.773
0328	0.750	7254718.618	607304.499	146.845	7254718.592	607304.471	0.041	0.014	0.044	0.709
0329	0.750	7254718.925	607305.184	146.739	7254718.959	607305.149	-0.035	0.034	0.049	0.771
0330	0.750	7254719.231	607305.868	146.743	7254719.254	607305.869	-0.011	-0.014	0.017	0.778
0331	0.750	7254719.538	607306.552	146.635	7254719.529	607306.562	0.024	-0.014	0.028	0.745
0332	0.750	7254719.845	607307.237	146.519	7254719.786	607307.252	0.052	0.001	0.052	0.737
0333	0.750	7254720.152	607307.921	146.477	7254720.146	607307.945	0.006	-0.024	0.025	0.781
0334	0.750	7254720.459	607308.605	146.481	7254720.476	607308.651	-0.023	-0.045	0.051	0.779
0335	0.750	7254720.766	607309.290	146.482	7254720.760	607309.265	0.008	0.031	0.032	0.677
0336	0.750	7254721.072	607309.974	146.477	7254721.093	607309.953	-0.018	0.003	0.018	0.764
0337	0.750	7254721.379	607310.659	146.434	7254721.390	607310.647	-0.010	0.012	0.016	0.754
0338	0.750	7254721.686	607311.343	146.367	7254721.719	607311.365	-0.016	-0.035	0.039	0.790
0339	0.750	7254721.993	607312.027	146.330	7254722.016	607312.013	0.003	0.001	0.003	0.713
0340	0.750	7254722.300	607312.712	146.300	7254722.310	607312.690	0.022	0.008	0.024	0.737
0341	0.750	7254722.607	607313.396	146.292	7254722.649	607313.382	-0.042	0.014	0.045	0.771
0342	0.750	7254722.914	607314.080	146.439	7254722.900	607314.058	0.035	0.002	0.035	0.721
0343	0.750	7254723.220	607314.765	146.965	7254723.221	607314.738	0.013	0.011	0.017	0.752
0344	0.750	7254723.527	607315.449	146.751	7254723.506	607315.432	0.015	-0.004	0.016	0.750
0345	0.750	7254723.834	607316.133	145.517	7254723.820	607316.117	0.014	0.017	0.021	0.754
0346	0.750	7254724.141	607316.818	144.691	7254724.095	607316.802	0.047	0.002	0.047	0.738
0347	0.750	7254724.448	607317.502	144.650	7254724.465	607317.490	-0.011	-0.010	0.015	0.781
0348	0.750	7254724.755	607318.186	144.371	7254724.774	607318.135	0.003	0.031	0.031	0.715
0349	0.750	7254725.061	607318.871	144.144	7254725.088	607318.843	-0.027	0.028	0.039	0.774
0350	0.750	7254725.368	607319.555	144.144	7254725.389	607319.556	-0.005	-0.009	0.010	0.774
0351	0.750	7254725.675	607320.240	143.942	7254725.679	607320.251	0.017	-0.030	0.034	0.754
0352	0.750	7254725.982	607320.924	143.738	7254726.036	607320.953	-0.045	-0.028	0.053	0.788
0353	0.750	7254726.289	607321.608	143.682	7254726.303	607321.600	-0.014	0.009	0.016	0.699
0354	0.750	7254726.596	607322.293	143.685	7254726.579	607322.288	0.021	-0.001	0.021	0.742
0355	0.750	7254726.903	607322.977	143.651	7254726.897	607322.974	0.039	0.000	0.039	0.756

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0356	0.750	7254727.209	607323.661	143.652	7254727.234	607323.669	0.000	-0.007	0.007	0.771
0357	0.750	7254727.516	607324.346	143.652	7254727.571	607324.348	-0.055	-0.002	0.055	0.759
0358	0.750	7254727.823	607325.030	143.663	7254727.875	607325.007	-0.025	0.038	0.045	0.726
0359	0.750	7254728.130	607325.714	144.025	7254728.130	607325.742	0.019	-0.024	0.030	0.778
0360	0.750	7254728.437	607326.399	144.221	7254728.459	607326.401	-0.030	0.014	0.034	0.736
0361	0.750	7254728.744	607327.083	144.205	7254728.727	607327.089	0.016	-0.006	0.017	0.738
0362	0.750	7254729.050	607327.768	144.382	7254729.000	607327.747	0.033	0.019	0.038	0.712
0363	0.750	7254729.357	607328.452	145.093	7254729.340	607328.442	0.023	0.002	0.023	0.774
0364	0.750	7254729.664	607329.136	145.383	7254729.636	607329.136	0.033	-0.015	0.037	0.754
0365	0.750	7254729.971	607329.821	145.667	7254729.998	607329.800	-0.027	0.021	0.034	0.756
0366	0.750	7254730.278	607330.505	146.715	7254730.253	607330.537	0.034	-0.038	0.052	0.780
0367	0.750	7254730.585	607331.189	147.401	7254730.578	607331.197	0.012	-0.006	0.014	0.735
0368	0.750	7254730.891	607331.874	147.430	7254730.904	607331.858	-0.025	0.032	0.040	0.737
0369	0.750	7254731.198	607332.558	147.754	7254731.181	607332.582	0.017	-0.024	0.029	0.775
0370	0.750	7254731.505	607333.242	147.820	7254731.469	607333.267	-0.005	-0.013	0.014	0.743
0371	0.750	7254731.812	607333.927	147.866	7254731.745	607333.928	0.041	0.001	0.041	0.716
0372	0.750	7254732.119	607334.611	148.016	7254732.070	607334.586	-0.001	0.017	0.017	0.733
0373	0.750	7254732.426	607335.295	148.067	7254732.392	607335.277	0.034	0.018	0.039	0.763
0374	0.750	7254732.733	607335.980	148.067	7254732.680	607335.953	0.025	0.002	0.025	0.735
0374b	0.750	7254733.004	607336.646	148.067	7254733.167	607336.918	-0.162	-0.271	0.316	1.081
0375	0.750	7254733.039	607336.664	148.149	7254733.018	607336.632	0.004	0.021	0.022	0.322
0376	0.750	7254733.346	607337.349	148.361	7254733.329	607337.340	0.007	-0.009	0.012	0.773
0377	0.750	7254733.651	607338.034	148.306	7254733.654	607338.030	-0.003	0.004	0.005	0.762
0378	0.750	7254733.954	607338.720	148.039	7254733.952	607338.724	0.004	-0.022	0.023	0.755
0379	0.750	7254734.254	607339.407	147.963	7254734.257	607339.374	-0.010	0.031	0.033	0.718
0380	0.750	7254734.552	607340.096	147.842	7254734.577	607340.059	-0.029	0.018	0.034	0.756
0381	0.750	7254734.846	607340.785	147.386	7254734.840	607340.781	0.006	0.005	0.008	0.768
0382	0.750	7254735.139	607341.476	147.056	7254735.175	607341.449	-0.029	0.008	0.030	0.747
0383	0.750	7254735.428	607342.168	147.041	7254735.451	607342.134	-0.017	0.042	0.045	0.738
0384	0.750	7254735.716	607342.861	147.040	7254735.765	607342.887	-0.025	-0.034	0.043	0.816
0385	0.750	7254736.000	607343.555	147.129	7254736.028	607343.571	-0.028	-0.016	0.033	0.733
0386	0.750	7254736.282	607344.250	147.230	7254736.329	607344.289	-0.015	-0.026	0.029	0.779
0387	0.750	7254736.561	607344.946	147.322	7254736.600	607344.957	-0.027	-0.006	0.028	0.720
0388	0.750	7254736.838	607345.643	147.886	7254736.851	607345.682	0.008	-0.038	0.039	0.768
0389	0.750	7254737.112	607346.341	148.263	7254737.118	607346.331	-0.006	0.010	0.012	0.701
0390	0.750	7254737.384	607347.040	148.227	7254737.388	607347.026	-0.007	0.012	0.013	0.746
0391	0.750	7254737.652	607347.740	148.101	7254737.645	607347.745	0.000	-0.016	0.016	0.763
0392	0.750	7254737.919	607348.441	148.033	7254737.900	607348.448	0.008	-0.012	0.014	0.748
0393	0.750	7254738.182	607349.143	147.912	7254738.171	607349.128	0.011	0.016	0.019	0.732
0394	0.750	7254738.443	607349.847	147.832	7254738.427	607349.877	0.015	-0.044	0.046	0.792
0395	0.750	7254738.701	607350.551	147.639	7254738.713	607350.539	-0.035	0.013	0.038	0.721

0396	0.750	7254738.957	607351.256	147.540	7254738.946	607351.284	0.002	-0.026	0.026	0.780
0397	0.750	7254739.210	607351.962	147.499	7254739.184	607351.977	0.026	-0.016	0.031	0.733
0398	0.750	7254739.461	607352.669	147.482	7254739.411	607352.689	0.017	-0.009	0.019	0.746
0399	0.750	7254739.708	607353.377	147.496	7254739.671	607353.382	-0.002	0.007	0.007	0.741
0400	0.750	7254739.953	607354.086	147.488	7254739.896	607354.079	0.016	0.012	0.020	0.732
0401	0.750	7254740.196	607354.795	147.676	7254740.154	607354.800	0.042	-0.005	0.042	0.766
0402	0.750	7254740.436	607355.506	147.963	7254740.425	607355.576	0.007	-0.056	0.056	0.822
0403	0.750	7254740.673	607356.217	148.233	7254740.709	607356.242	-0.066	-0.009	0.067	0.724
0404	0.750	7254740.907	607356.930	148.088	7254740.902	607356.947	0.019	0.007	0.020	0.731
0405	0.750	7254741.139	607357.643	147.937	7254741.132	607357.667	0.007	-0.023	0.024	0.755
0406	0.750	7254741.368	607358.357	147.937	7254741.307	607358.379	0.028	-0.001	0.028	0.734
0407	0.750	7254741.594	607359.072	147.350	7254741.538	607359.088	0.031	-0.013	0.033	0.746
0408	0.750	7254741.818	607359.788	146.729	7254741.768	607359.765	0.004	0.021	0.022	0.715
0409	0.750	7254742.039	607360.505	146.518	7254742.006	607360.485	0.033	0.020	0.039	0.758
0410	0.750	7254742.257	607361.222	146.537	7254742.259	607361.248	-0.039	-0.049	0.063	0.804
0411	0.750	7254742.473	607361.941	146.581	7254742.434	607361.912	0.010	0.016	0.019	0.687
0412	0.750	7254742.686	607362.660	146.789	7254742.646	607362.685	0.011	-0.044	0.045	0.802
0413	0.750	7254742.896	607363.380	146.884	7254742.881	607363.371	0.015	0.009	0.018	0.725
0414	0.750	7254743.104	607364.101	146.900	7254743.113	607364.087	-0.009	0.025	0.026	0.752
0415	0.750	7254743.309	607364.822	147.432	7254743.327	607364.852	-0.028	-0.024	0.037	0.795
0416	0.750	7254743.511	607365.544	148.083	7254743.524	607365.620	-0.003	-0.051	0.051	0.793
0417	0.750	7254743.710	607366.267	148.250	7254743.715	607366.286	-0.005	-0.019	0.019	0.693
0418	0.750	7254743.907	607366.991	148.323	7254743.864	607366.995	0.043	0.024	0.049	0.725
0419	0.750	7254744.101	607367.715	148.357	7254744.097	607367.754	-0.010	-0.040	0.041	0.793
0420	0.750	7254744.292	607368.441	148.399	7254744.269	607368.453	0.009	-0.005	0.010	0.720
0421	0.750	7254744.481	607369.167	148.249	7254744.458	607369.142	0.022	0.024	0.033	0.715
0422	0.750	7254744.667	607369.893	148.167	7254744.621	607369.863	0.024	0.029	0.038	0.739
0423	0.750	7254744.850	607370.620	148.167	7254744.832	607370.643	0.012	-0.028	0.031	0.808
0424	0.750	7254745.030	607371.348	148.171	7254745.031	607371.357	0.000	0.009	0.009	0.741
0425	0.750	7254745.208	607372.077	148.191	7254745.229	607372.088	-0.021	-0.011	0.024	0.757
0426	0.750	7254745.383	607372.806	148.327	7254745.449	607372.822	-0.030	-0.014	0.034	0.766
0427	0.750	7254745.555	607373.536	148.340	7254745.608	607373.527	-0.031	0.008	0.031	0.723
0428	0.750	7254745.725	607374.267	148.303	7254745.732	607374.284	0.035	-0.029	0.046	0.767
0429	0.750	7254745.891	607374.998	148.375	7254745.926	607374.983	-0.035	0.015	0.038	0.725
0430	0.750	7254746.055	607375.730	148.389	7254746.094	607375.732	-0.002	-0.010	0.010	0.768
0431	0.750	7254746.217	607376.462	148.386	7254746.258	607376.461	-0.026	-0.037	0.045	0.747
0432	0.750	7254746.375	607377.196	148.494	7254746.425	607377.175	-0.027	-0.012	0.029	0.733
0433	0.750	7254746.531	607377.929	148.650	7254746.538	607377.865	-0.008	0.064	0.064	0.700
0434	0.750	7254746.684	607378.663	148.652	7254746.632	607378.618	0.063	0.012	0.064	0.758
0435	0.750	7254746.834	607379.398	148.444	7254746.851	607379.395	-0.025	-0.019	0.031	0.807
0436	0.750	7254746.982	607380.134	148.411	7254746.970	607380.154	0.012	-0.013	0.018	0.768

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0437	0.750	7254747.126	607380.869	148.411	7254747.114	607380.887	0.012	-0.017	0.021	0.747
0438	0.750	7254747.268	607381.606	148.449	7254747.246	607381.694	0.025	-0.022	0.034	0.818
0439	0.750	7254747.408	607382.343	148.622	7254747.429	607382.457	-0.039	-0.112	0.118	0.784
0440	0.750	7254747.544	607383.080	148.707	7254747.503	607383.143	0.044	-0.013	0.045	0.690
0441	0.750	7254747.678	607383.818	148.705	7254747.665	607383.804	0.012	0.015	0.019	0.680
0442	0.750	7254747.809	607384.557	148.727	7254747.808	607384.528	-0.004	0.004	0.006	0.739
0443	0.750	7254747.937	607385.296	148.664	7254747.943	607385.261	-0.017	0.020	0.026	0.745
0444	0.750	7254748.062	607386.035	148.770	7254748.023	607386.039	0.041	-0.029	0.050	0.782
0445	0.750	7254748.185	607386.775	148.835	7254748.186	607386.759	-0.002	0.016	0.017	0.738
0446	0.750	7254748.305	607387.515	148.909	7254748.305	607387.500	0.008	0.018	0.020	0.750
0447	0.750	7254748.424	607388.256	148.909	7254748.440	607388.277	-0.004	-0.026	0.027	0.789
0448	0.750	7254748.544	607388.996	148.947	7254748.545	607388.989	0.019	0.021	0.028	0.720
0449	0.750	7254748.663	607389.737	148.950	7254748.686	607389.743	-0.023	-0.006	0.024	0.767
0450	0.750	7254748.783	607390.477	148.898	7254748.749	607390.464	0.038	0.021	0.044	0.724
0451	0.750	7254748.902	607391.218	148.850	7254748.888	607391.227	0.030	-0.005	0.030	0.775
0452	0.750	7254749.022	607391.958	148.875	7254749.049	607391.993	-0.030	-0.029	0.042	0.783
0453	0.750	7254749.141	607392.698	148.912	7254749.150	607392.701	-0.009	-0.002	0.009	0.715
0454	0.750	7254749.261	607393.439	149.035	7254749.232	607393.451	0.042	-0.008	0.042	0.755
0455	0.750	7254749.380	607394.179	149.012	7254749.398	607394.185	-0.014	-0.009	0.016	0.753
0456	0.750	7254749.500	607394.920	149.011	7254749.502	607394.961	0.006	-0.042	0.042	0.782
0457	0.750	7254749.619	607395.660	149.046	7254749.618	607395.652	0.001	0.008	0.008	0.702
0458	0.750	7254749.739	607396.401	149.016	7254749.734	607396.384	0.002	0.012	0.012	0.741
0459	0.750	7254749.858	607397.141	148.956	7254749.853	607397.140	-0.015	-0.013	0.019	0.765
0460	0.750	7254749.978	607397.881	148.949	7254749.936	607397.855	0.020	0.016	0.026	0.720
0461	0.750	7254750.097	607398.622	148.931	7254750.058	607398.603	0.039	0.019	0.043	0.757
0462	0.750	7254750.217	607399.362	148.931	7254750.206	607399.372	-0.040	-0.020	0.044	0.784
0463	0.750	7254750.336	607400.103	148.978	7254750.274	607400.101	0.031	-0.008	0.032	0.732
0464	0.750	7254750.455	607400.843	149.017	7254750.408	607400.832	0.005	0.009	0.011	0.744
0465	0.750	7254750.575	607401.583	149.059	7254750.553	607401.583	0.022	0.001	0.022	0.764
0466	0.750	7254750.694	607402.324	148.992	7254750.659	607402.320	0.021	0.000	0.021	0.745
0467	0.750	7254750.814	607403.064	148.991	7254750.808	607403.059	-0.018	0.008	0.020	0.753
0468	0.750	7254750.933	607403.805	148.988	7254750.939	607403.772	-0.022	0.033	0.040	0.725
0469	0.750	7254751.053	607404.545	148.983	7254751.026	607404.551	0.027	-0.006	0.027	0.784
0470	0.750	7254751.172	607405.286	148.966	7254751.131	607405.298	0.011	-0.018	0.021	0.754
0471	0.750	7254751.292	607406.026	148.963	7254751.257	607406.007	0.027	-0.009	0.029	0.721
0472	0.750	7254751.411	607406.766	148.959	7254751.400	607406.766	0.000	-0.039	0.039	0.771
0473	0.750	7254751.531	607407.507	148.965	7254751.542	607407.445	-0.012	0.062	0.063	0.694
0474	0.750	7254751.650	607408.247	149.030	7254751.640	607408.211	0.027	-0.023	0.036	0.772
0475	0.750	7254751.770	607408.988	149.034	7254751.791	607408.931	-0.015	0.022	0.026	0.736
0476	0.750	7254751.889	607409.728	149.017	7254751.897	607409.697	0.004	-0.002	0.005	0.774
0477	0.750	7254752.009	607410.469	148.997	7254752.011	607410.460	-0.003	0.008	0.009	0.771

0478	0.750	7254752.128	607411.209	149.008	7254752.113	607411.159	-0.001	0.029	0.029	0.706
0479	0.750	7254752.248	607411.949	148.995	7254752.212	607411.916	0.026	-0.011	0.029	0.763
0480	0.750	7254752.367	607412.690	149.004	7254752.295	607412.613	0.044	0.019	0.048	0.703
0481	0.750	7254752.487	607413.430	149.067	7254752.466	607413.348	0.021	0.082	0.085	0.755
0482	0.750	7254752.606	607414.171	149.075	7254752.548	607414.060	0.033	0.031	0.046	0.716
0483	0.750	7254752.726	607414.911	149.028	7254752.698	607414.834	0.005	0.036	0.036	0.788
0484	0.750	7254752.845	607415.651	149.027	7254752.838	607415.668	-0.019	-0.056	0.059	0.846
0485	0.750	7254752.965	607416.392	149.037	7254752.940	607416.391	0.024	0.001	0.024	0.730
0486	0.750	7254753.084	607417.132	149.087	7254753.036	607417.168	0.032	-0.037	0.049	0.783
0487	0.750	7254753.204	607417.873	149.201	7254753.197	607417.871	0.015	-0.005	0.016	0.721
0488	0.750	7254753.323	607418.613	149.277	7254753.377	607418.583	-0.037	0.022	0.043	0.735
0489	0.750	7254753.443	607419.354	149.281	7254753.484	607419.340	-0.042	0.014	0.044	0.764
0490	0.750	7254753.562	607420.094	149.349	7254753.577	607420.060	0.022	0.004	0.023	0.726
0491	0.750	7254753.682	607420.834	149.426	7254753.715	607420.788	-0.016	0.017	0.023	0.741
0492	0.750	7254753.801	607421.575	149.435	7254753.789	607421.529	0.025	0.001	0.025	0.744
0493	0.750	7254753.921	607422.315	149.455	7254753.914	607422.271	0.007	0.044	0.045	0.753
0494	0.750	7254754.040	607423.056	149.491	7254754.018	607422.991	0.037	0.006	0.037	0.728
0495	0.750	7254754.160	607423.796	149.513	7254754.196	607423.724	-0.029	0.032	0.043	0.754
0496	0.750	7254754.279	607424.537	149.526	7254754.309	607424.473	-0.001	0.010	0.010	0.757
0497	0.750	7254754.398	607425.277	149.542	7254754.420	607425.241	-0.022	0.036	0.042	0.777
0498	0.750	7254754.518	607426.017	149.572	7254754.512	607426.016	0.022	-0.028	0.036	0.780
0499	0.750	7254754.637	607426.758	149.571	7254754.649	607426.735	0.001	0.007	0.007	0.732
0500	0.750	7254754.757	607427.498	149.587	7254754.732	607427.502	0.032	-0.013	0.035	0.772
0501	0.750	7254754.876	607428.239	149.683	7254754.880	607428.243	-0.003	-0.005	0.006	0.756
0502	0.750	7254754.996	607428.979	149.638	7254754.992	607429.013	0.017	-0.026	0.031	0.778
0503	0.750	7254755.115	607429.719	149.608	7254755.138	607429.731	-0.018	-0.026	0.031	0.733
0504	0.750	7254755.235	607430.460	149.608	7254755.216	607430.435	0.033	0.014	0.036	0.709
0505	0.750	7254755.354	607431.200	149.589	7254755.360	607431.167	-0.006	0.033	0.034	0.746
0506	0.750	7254755.474	607431.941	149.556	7254755.438	607431.888	0.045	0.033	0.056	0.725
0507	0.750	7254755.593	607432.681	149.531	7254755.607	607432.675	-0.009	-0.017	0.020	0.805
0508	0.750	7254755.713	607433.422	149.541	7254755.730	607433.415	-0.009	-0.003	0.009	0.750
0509	0.750	7254755.832	607434.162	149.541	7254755.836	607434.148	-0.004	0.014	0.014	0.741
0510	0.750	7254755.952	607434.902	149.620	7254755.924	607434.931	0.014	-0.043	0.045	0.787
0511	0.750	7254756.071	607435.643	149.695	7254756.039	607435.628	0.038	0.009	0.039	0.707
0512	0.750	7254756.191	607436.383	149.658	7254756.184	607436.359	-0.006	0.018	0.018	0.746
0513	0.750	7254756.310	607437.124	149.619	7254756.318	607437.126	-0.008	-0.002	0.008	0.778
0514	0.750	7254756.430	607437.864	149.616	7254756.396	607437.908	0.028	-0.046	0.054	0.786
0515	0.750	7254756.549	607438.605	149.621	7254756.529	607438.599	0.017	-0.003	0.017	0.703
0516	0.750	7254756.669	607439.345	149.641	7254756.613	607439.358	0.039	-0.026	0.046	0.764
0517	0.750	7254756.788	607440.085	149.666	7254756.774	607440.066	0.014	0.019	0.024	0.726
0518	0.750	7254756.908	607440.826	149.771	7254756.935	607440.787	-0.036	0.030	0.047	0.739

As-Built Report of Whale Tail Dike			Original -V.00		
2020-06-05	658309-0000-56ER-0001		Technical Report		

0519	0.750	7254757.027	607441.566	149.622	7254757.025	607441.569	0.011	-0.001	0.011	0.787
0520	0.750	7254757.147	607442.307	149.610	7254757.145	607442.306	0.017	0.013	0.021	0.746
0521	0.750	7254757.266	607443.047	149.597	7254757.298	607443.069	-0.032	-0.022	0.039	0.778
0522	0.750	7254757.386	607443.787	149.591	7254757.407	607443.754	0.012	0.045	0.047	0.694
0523	0.750	7254757.505	607444.528	149.590	7254757.538	607444.529	-0.011	0.014	0.017	0.786
0524	0.750	7254757.625	607445.268	149.595	7254757.609	607445.288	0.039	-0.015	0.041	0.762
0525	0.750	7254757.744	607446.009	149.594	7254757.757	607446.017	-0.013	-0.008	0.016	0.744
0526	0.750	7254757.864	607446.749	149.620	7254757.869	607446.733	0.017	0.013	0.021	0.725
0527	0.750	7254757.983	607447.490	149.639	7254758.015	607447.475	-0.023	-0.003	0.023	0.756
0528	0.750	7254758.103	607448.230	149.662	7254758.129	607448.159	-0.008	0.041	0.042	0.694
0529	0.750	7254758.222	607448.970	149.660	7254758.227	607448.927	-0.005	0.044	0.044	0.774
0530	0.750	7254758.341	607449.711	149.662	7254758.329	607449.690	0.010	-0.033	0.035	0.771
0531	0.750	7254758.461	607450.451	149.659	7254758.450	607450.387	-0.012	0.035	0.037	0.707
0532	0.750	7254758.580	607451.192	149.603	7254758.504	607451.171	0.046	-0.018	0.049	0.786
0533	0.750	7254758.700	607451.932	149.579	7254758.649	607451.918	0.051	0.014	0.053	0.761
0534	0.750	7254758.819	607452.673	149.565	7254758.773	607452.660	0.016	-0.002	0.017	0.752
0535	0.750	7254758.939	607453.413	149.550	7254758.929	607453.397	-0.014	-0.006	0.015	0.754
0536	0.750	7254759.058	607454.153	149.505	7254759.044	607454.106	0.011	0.024	0.027	0.718
0537	0.750	7254759.178	607454.894	149.503	7254759.182	607454.863	-0.004	0.030	0.031	0.770
0538	0.750	7254759.297	607455.634	149.506	7254759.273	607455.594	0.018	-0.002	0.018	0.736
0539	0.750	7254759.417	607456.375	149.529	7254759.400	607456.321	0.014	0.016	0.021	0.738
0540	0.750	7254759.536	607457.115	149.603	7254759.502	607457.012	0.020	0.054	0.058	0.699
0541	0.750	7254759.656	607457.855	149.652	7254759.645	607457.812	0.010	0.044	0.045	0.812
0542	0.750	7254759.775	607458.596	149.667	7254759.794	607458.539	-0.010	-0.005	0.011	0.742
0543	0.750	7254759.895	607459.336	149.659	7254759.923	607459.255	-0.034	0.061	0.070	0.728
0544	0.750	7254760.014	607460.077	149.659	7254760.032	607460.024	-0.005	0.014	0.015	0.776
0545	0.750	7254760.134	607460.817	149.660	7254760.131	607460.821	0.002	-0.004	0.004	0.803
0546	0.750	7254760.253	607461.558	149.667	7254760.194	607461.559	0.049	-0.008	0.050	0.741
0547	0.750	7254760.373	607462.298	149.697	7254760.354	607462.281	0.017	0.015	0.023	0.739
0548	0.750	7254760.492	607463.038	149.708	7254760.468	607463.038	0.014	-0.012	0.018	0.766
0549	0.750	7254760.612	607463.779	149.648	7254760.611	607463.772	0.001	0.006	0.006	0.748
0550	0.750	7254760.731	607464.519	149.628	7254760.684	607464.509	0.036	-0.010	0.038	0.740
0551	0.750	7254760.851	607465.260	149.623	7254760.829	607465.225	0.019	0.031	0.037	0.731
0552	0.750	7254760.970	607466.000	149.627	7254761.004	607465.974	-0.047	0.009	0.047	0.769
0553	0.750	7254761.090	607466.741	149.652	7254761.086	607466.740	0.003	0.000	0.003	0.770
0554	0.750	7254761.209	607467.481	149.682	7254761.202	607467.457	-0.004	0.011	0.012	0.726
0555	0.750	7254761.329	607468.221	149.642	7254761.311	607468.196	0.024	0.024	0.033	0.747
0556	0.750	7254761.448	607468.962	149.666	7254761.450	607468.933	-0.002	0.014	0.015	0.750
0557	0.750	7254761.568	607469.702	149.648	7254761.583	607469.698	-0.016	0.004	0.016	0.777
0558	0.750	7254761.687	607470.443	149.723	7254761.675	607470.425	0.016	0.002	0.016	0.732
0559	0.750	7254761.807	607471.183	149.705	7254761.798	607471.156	0.016	0.013	0.021	0.741

0560	0.750	7254761.926	607471.923	149.654	7254761.872	607471.902	0.049	-0.004	0.050	0.750
0561	0.750	7254762.046	607472.664	149.551	7254762.044	607472.639	0.002	0.025	0.025	0.757
0562	0.750	7254762.165	607473.404	149.516	7254762.126	607473.371	0.025	0.000	0.025	0.737
0563	0.750	7254762.284	607474.145	149.517	7254762.260	607474.104	0.021	0.009	0.023	0.744
0564	0.750	7254762.404	607474.885	149.527	7254762.316	607474.857	0.073	-0.011	0.073	0.755
0565	0.750	7254762.523	607475.626	149.564	7254762.517	607475.587	0.006	0.039	0.039	0.758
0566	0.750	7254762.643	607476.366	149.604	7254762.663	607476.375	-0.049	-0.029	0.057	0.801
0567	0.750	7254762.762	607477.106	149.585	7254762.711	607477.103	0.050	-0.008	0.050	0.730
0568	0.750	7254762.882	607477.847	149.552	7254762.754	607477.844	0.103	0.010	0.104	0.742
0569	0.750	7254763.001	607478.587	149.531	7254763.004	607478.604	-0.002	-0.016	0.017	0.800
0570	0.750	7254763.121	607479.328	149.521	7254763.102	607479.333	0.001	0.001	0.001	0.736
0571	0.750	7254763.240	607480.068	149.521	7254763.203	607480.065	0.023	0.018	0.029	0.738
0572	0.750	7254763.360	607480.809	149.523	7254763.254	607480.819	0.071	-0.006	0.071	0.756
0573	0.750	7254763.479	607481.549	149.545	7254763.448	607481.561	0.031	-0.013	0.034	0.767
0574	0.750	7254763.599	607482.289	149.520	7254763.594	607482.281	-0.031	0.016	0.035	0.734
0575	0.750	7254763.718	607483.030	149.521	7254763.679	607483.033	0.025	0.009	0.026	0.757
0576	0.750	7254763.838	607483.770	149.516	7254763.767	607483.800	0.052	-0.022	0.057	0.772
0577	0.750	7254763.957	607484.511	149.532	7254763.960	607484.523	-0.003	-0.013	0.013	0.748
0578	0.750	7254764.077	607485.251	149.539	7254764.054	607485.267	0.046	-0.023	0.051	0.750
0579	0.750	7254764.196	607485.991	149.570	7254764.239	607485.965	-0.023	0.010	0.025	0.722
0580	0.750	7254764.316	607486.732	149.580	7254764.366	607486.760	-0.010	-0.063	0.064	0.805
0581	0.750	7254764.435	607487.472	149.585	7254764.472	607487.427	-0.037	0.045	0.058	0.676
0582	0.750	7254764.555	607488.213	149.590	7254764.528	607488.165	0.056	0.001	0.056	0.740
0583	0.750	7254764.674	607488.953	149.585	7254764.696	607488.904	0.004	0.028	0.029	0.758
0584	0.750	7254764.794	607489.694	149.585	7254764.807	607489.679	0.005	-0.009	0.010	0.783
0585	0.750	7254764.913	607490.434	149.529	7254764.927	607490.437	-0.014	-0.003	0.015	0.767
0586	0.750	7254765.033	607491.174	149.436	7254765.037	607491.209	0.016	-0.044	0.047	0.780
0587	0.750	7254765.152	607491.915	149.430	7254765.180	607491.893	-0.009	0.011	0.014	0.699
0588	0.750	7254765.272	607492.655	149.437	7254765.245	607492.620	0.052	0.011	0.053	0.730
0589	0.750	7254765.391	607493.396	149.394	7254765.415	607493.370	-0.024	0.025	0.035	0.769
0590	0.750	7254765.511	607494.136	149.372	7254765.526	607494.089	-0.002	0.000	0.002	0.727
0591	0.750	7254765.630	607494.877	149.370	7254765.634	607494.807	0.004	0.052	0.052	0.726
0592	0.750	7254765.750	607495.617	149.390	7254765.704	607495.589	0.042	-0.013	0.044	0.786
0593	0.750	7254765.869	607496.357	149.434	7254765.860	607496.347	0.009	0.011	0.014	0.773
0594	0.750	7254765.989	607497.098	149.521	7254765.990	607497.057	-0.002	0.015	0.015	0.722
0595	0.750	7254766.108	607497.838	149.496	7254766.115	607497.798	-0.015	0.028	0.032	0.751
0596	0.750	7254766.228	607498.579	149.513	7254766.182	607498.606	0.046	-0.055	0.071	0.811
0597	0.750	7254766.347	607499.319	149.539	7254766.340	607499.305	0.007	0.014	0.016	0.717
0598	0.750	7254766.466	607500.059	149.515	7254766.419	607500.035	0.026	0.004	0.026	0.734
0599	0.750	7254766.586	607500.800	149.447	7254766.549	607500.773	0.027	0.016	0.031	0.750
0600	0.750	7254766.705	607501.540	149.417	7254766.640	607501.509	0.040	0.014	0.043	0.741

0601	0.750	7254766.825	607502.281	149.416	7254766.812	607502.273	0.012	0.008	0.015	0.783
0602	0.750	7254766.944	607503.021	149.419	7254766.910	607503.047	0.027	-0.012	0.029	0.780
0603	0.750	7254767.064	607503.762	149.470	7254767.062	607503.797	-0.002	-0.030	0.030	0.765
0604	0.750	7254767.183	607504.502	149.534	7254767.165	607504.605	0.020	-0.075	0.078	0.814
0605	0.750	7254767.303	607505.242	149.521	7254767.307	607505.261	-0.004	-0.019	0.019	0.672
0606	0.750	7254767.422	607505.983	149.481	7254767.417	607505.937	0.019	0.049	0.052	0.684
0607	0.750	7254767.542	607506.723	149.473	7254767.565	607506.710	-0.021	0.012	0.024	0.787
0608	0.750	7254767.661	607507.464	149.457	7254767.695	607507.490	-0.022	-0.044	0.049	0.791
0609	0.750	7254767.781	607508.204	149.436	7254767.781	607508.184	0.000	0.020	0.020	0.699
0610	0.750	7254767.900	607508.945	149.379	7254767.889	607508.907	0.008	0.028	0.029	0.732
0611	0.750	7254768.020	607509.685	149.375	7254768.014	607509.688	0.017	-0.006	0.018	0.790
0612	0.750	7254768.139	607510.425	149.375	7254768.170	607510.418	-0.022	0.016	0.027	0.747
0613	0.750	7254768.259	607511.166	149.384	7254768.281	607511.180	-0.023	-0.014	0.027	0.770
0614	0.750	7254768.378	607511.906	149.366	7254768.348	607511.885	0.046	0.030	0.055	0.708
0615	0.750	7254768.498	607512.647	149.395	7254768.506	607512.649	0.007	0.010	0.012	0.780
0616	0.750	7254768.617	607513.387	149.486	7254768.616	607513.413	0.008	-0.019	0.021	0.772
0617	0.750	7254768.737	607514.127	149.638	7254768.743	607514.139	-0.006	-0.012	0.013	0.737
0618	0.750	7254768.856	607514.868	149.715	7254768.804	607514.851	0.063	0.035	0.072	0.714
0619	0.750	7254768.976	607515.608	149.669	7254768.991	607515.631	-0.014	-0.027	0.030	0.803
0620	0.750	7254769.095	607516.349	149.651	7254769.087	607516.329	0.014	0.021	0.025	0.705
0621	0.750	7254769.215	607517.089	149.644	7254769.211	607517.070	0.004	0.020	0.020	0.750
0622	0.750	7254769.334	607517.830	149.615	7254769.357	607517.826	-0.028	-0.011	0.031	0.770
0623	0.750	7254769.454	607518.570	149.597	7254769.446	607518.560	-0.017	-0.004	0.018	0.739
0624	0.750	7254769.573	607519.310	149.596	7254769.365	607519.320	0.182	-0.019	0.183	0.765
0625	0.750	7254769.693	607520.051	149.531	7254769.647	607520.042	0.046	0.009	0.047	0.775
0626	0.750	7254769.812	607520.791	149.414	7254769.770	607520.817	-0.002	-0.032	0.032	0.784
0627	0.750	7254769.932	607521.532	149.410	7254769.889	607521.527	0.010	0.002	0.011	0.721
0628	0.750	7254770.051	607522.272	149.372	7254769.892	607522.277	0.129	-0.005	0.129	0.750
0629	0.750	7254770.171	607523.013	149.323	7254770.153	607523.017	0.018	-0.005	0.018	0.785
0630	0.750	7254770.290	607523.753	149.296	7254770.301	607523.749	-0.016	0.004	0.016	0.746
0631	0.750	7254770.409	607524.493	149.295	7254770.417	607524.488	-0.021	0.003	0.021	0.749
0632	0.750	7254770.529	607525.234	149.295	7254770.526	607525.216	0.003	0.011	0.011	0.736
0633	0.750	7254770.648	607525.974	149.376	7254770.640	607525.966	0.009	0.008	0.012	0.759
0634	0.750	7254770.768	607526.715	149.431	7254770.733	607526.685	0.020	0.002	0.020	0.725
0635	0.750	7254770.887	607527.455	149.247	7254770.867	607527.408	0.022	0.018	0.029	0.735
0636	0.750	7254771.007	607528.195	149.095	7254770.944	607528.166	0.059	-0.018	0.061	0.762
0637	0.750	7254771.126	607528.936	149.045	7254771.138	607528.887	-0.012	0.049	0.050	0.747
0638	0.750	7254771.246	607529.676	148.890	7254771.224	607529.683	0.033	-0.037	0.050	0.801
0639	0.750	7254771.365	607530.417	148.820	7254771.377	607530.406	0.001	-0.013	0.013	0.739
0640	0.750	7254771.485	607531.157	148.818	7254771.424	607531.140	0.074	0.013	0.075	0.735
0641	0.750	7254771.604	607531.898	148.834	7254771.618	607531.900	-0.014	-0.002	0.014	0.784

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0642	0.750	7254771.724	607532.638	148.878	7254771.740	607532.671	-0.002	-0.025	0.025	0.781
0643	0.750	7254771.843	607533.378	148.895	7254771.858	607533.393	0.005	-0.010	0.012	0.731
0644	0.750	7254771.963	607534.119	148.890	7254771.873	607534.109	0.110	0.020	0.112	0.716
0645	0.750	7254772.082	607534.859	148.856	7254772.108	607534.865	-0.026	-0.006	0.026	0.792
0646	0.750	7254772.202	607535.600	148.840	7254772.202	607535.579	0.014	0.018	0.023	0.720
0647	0.750	7254772.321	607536.340	148.832	7254772.325	607536.328	0.025	0.016	0.030	0.759
0648	0.750	7254772.441	607537.081	148.840	7254772.476	607537.093	-0.017	-0.018	0.024	0.780
0649	0.750	7254772.560	607537.821	148.816	7254772.594	607537.822	-0.033	-0.001	0.033	0.739
0650	0.750	7254772.680	607538.561	148.854	7254772.699	607538.574	-0.009	-0.020	0.022	0.760
0651	0.750	7254772.799	607539.302	148.747	7254772.785	607539.287	0.027	0.008	0.028	0.717
0652	0.750	7254772.919	607540.042	148.706	7254772.941	607540.048	-0.033	-0.022	0.040	0.778
0653	0.750	7254773.038	607540.783	148.705	7254773.031	607540.766	0.008	0.016	0.018	0.724
0654	0.750	7254773.158	607541.523	148.706	7254773.093	607541.509	0.051	-0.019	0.054	0.746
0655	0.750	7254773.277	607542.263	148.708	7254773.257	607542.215	-0.007	0.036	0.036	0.725
0656	0.750	7254773.397	607543.004	148.712	7254773.392	607542.969	-0.028	0.007	0.029	0.765
0657	0.750	7254773.516	607543.744	148.698	7254773.470	607543.736	0.046	0.009	0.047	0.771
0658	0.750	7254773.636	607544.485	148.519	7254773.545	607544.447	0.033	0.030	0.045	0.715
0659	0.750	7254773.755	607545.225	148.538	7254773.687	607545.219	0.045	-0.006	0.045	0.785
0660	0.750	7254773.875	607545.966	148.538	7254773.847	607545.954	-0.007	0.000	0.007	0.753
0661	0.750	7254773.994	607546.706	148.453	7254773.993	607546.690	0.001	0.016	0.016	0.750
0662	0.750	7254774.114	607547.446	148.334	7254774.070	607547.497	0.021	-0.025	0.032	0.811
0663	0.750	7254774.233	607548.187	148.164	7254774.188	607548.254	0.039	-0.059	0.070	0.767
0664	0.750	7254774.352	607548.927	148.150	7254774.309	607549.020	0.016	-0.042	0.045	0.775
0665	0.750	7254774.472	607549.668	148.144	7254774.461	607549.702	0.011	-0.034	0.036	0.698
0666	0.750	7254774.591	607550.408	148.147	7254774.524	607550.404	0.040	-0.007	0.041	0.705
0667	0.750	7254774.711	607551.149	148.162	7254774.668	607551.092	0.043	0.057	0.071	0.703
0668	0.750	7254774.830	607551.889	148.172	7254774.761	607551.674	0.031	-0.022	0.038	0.590
0668b	0.750	7254774.830	607551.889	148.172	7254774.872	607552.207	0.011	0.011	0.016	0.545
0669	0.750	7254774.950	607552.629	148.121	7254774.739	607552.821	0.211	-0.191	0.285	0.628
0670	0.750	7254775.069	607553.370	148.000	7254774.945	607553.461	0.027	-0.021	0.034	0.673
0671	0.750	7254775.189	607554.110	147.725	7254775.206	607554.061	-0.017	0.050	0.052	0.654
0672	0.750	7254775.308	607554.851	147.685	7254775.268	607554.796	0.024	0.016	0.029	0.738
0673	0.750	7254775.428	607555.591	147.356	7254775.379	607555.563	0.049	0.028	0.056	0.775
0674	0.750	7254775.547	607556.331	147.070	7254775.471	607556.291	0.037	0.025	0.045	0.733
0675	0.750	7254775.667	607557.072	147.077	7254775.637	607557.069	-0.004	0.000	0.004	0.796
0676	0.750	7254775.786	607557.812	146.985	7254775.731	607557.794	0.031	0.027	0.041	0.732
0677	0.750	7254775.906	607558.553	146.946	7254775.887	607558.574	0.019	-0.021	0.028	0.795
0678	0.750	7254776.025	607559.293	146.915	7254776.023	607559.304	-0.002	-0.011	0.011	0.743
678b	0.750	7254776.095	607559.727	146.901	7254776.105	607559.642	-0.010	0.085	0.086	N/A
0679	0.750	7254776.145	607560.034	146.901	7254776.157	607560.013	-0.021	0.022	0.031	0.721

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0680	0.750	7254776.264	607560.774	146.960	7254776.243	607560.717	0.027	0.037	0.046	0.710
0681	0.750	7254776.384	607561.514	146.966	7254776.384	607561.496	-0.001	0.019	0.019	0.791
0682	0.750	7254776.503	607562.255	146.966	7254776.463	607562.283	0.028	-0.020	0.035	0.791
0683	0.750	7254776.623	607562.995	147.167	7254776.598	607563.029	0.037	-0.047	0.060	0.758
0684	0.750	7254776.742	607563.736	147.165	7254776.757	607563.785	-0.015	-0.037	0.040	0.773
0685	0.750	7254776.862	607564.476	147.234	7254776.886	607564.468	-0.024	0.008	0.026	0.695
0686	0.750	7254776.981	607565.217	147.322	7254776.967	607565.219	0.015	-0.036	0.039	0.756
0687	0.750	7254777.101	607565.957	147.658	7254777.078	607565.900	0.021	0.047	0.051	0.689
0688	0.750	7254777.220	607566.697	147.675	7254777.174	607566.622	0.023	0.040	0.046	0.729
0689	0.750	7254777.340	607567.438	147.821	7254777.314	607567.425	0.025	0.013	0.029	0.815
0690	0.750	7254777.459	607568.178	147.923	7254777.438	607568.207	0.020	-0.033	0.039	0.792
0691	0.750	7254777.579	607568.919	147.959	7254777.602	607568.923	-0.036	-0.011	0.037	0.735
0692	0.750	7254777.698	607569.659	147.973	7254777.717	607569.692	-0.006	-0.031	0.032	0.778
0693	0.750	7254777.818	607570.399	147.965	7254777.820	607570.400	-0.002	0.000	0.002	0.715
0694	0.750	7254777.937	607571.140	147.928	7254777.900	607571.131	0.032	-0.002	0.032	0.736
0695	0.750	7254778.057	607571.880	147.886	7254778.044	607571.859	0.007	0.024	0.025	0.742
0696	0.750	7254778.176	607572.621	147.856	7254778.162	607572.604	0.001	0.008	0.008	0.755
0697	0.750	7254778.295	607573.361	147.824	7254778.282	607573.366	0.013	-0.005	0.014	0.771
0698	0.750	7254778.415	607574.102	147.671	7254778.367	607574.114	0.040	-0.017	0.043	0.753
0699	0.750	7254778.534	607574.842	147.551	7254778.530	607574.829	0.006	0.015	0.016	0.733
0700	0.750	7254778.654	607575.582	147.551	7254778.668	607575.536	-0.007	0.039	0.040	0.720
0701	0.750	7254778.773	607576.323	147.513	7254778.790	607576.321	-0.017	0.002	0.017	0.795
0702	0.750	7254778.893	607577.063	147.490	7254778.887	607577.093	0.024	-0.027	0.036	0.778
0703	0.750	7254779.012	607577.804	147.477	7254779.033	607577.812	-0.010	-0.016	0.019	0.734
0704	0.750	7254779.132	607578.544	147.450	7254779.144	607578.514	0.001	0.028	0.028	0.710
0705	0.750	7254779.251	607579.285	147.501	7254779.256	607579.271	-0.005	0.013	0.014	0.766
0706	0.750	7254779.371	607580.025	147.500	7254779.267	607580.045	0.097	-0.019	0.098	0.774
0707	0.750	7254779.490	607580.765	147.485	7254779.472	607580.782	0.006	-0.035	0.036	0.765
0708	0.750	7254779.610	607581.506	147.471	7254779.641	607581.465	-0.056	0.038	0.067	0.703
0709	0.750	7254779.729	607582.246	147.577	7254779.699	607582.223	0.030	0.023	0.038	0.760
0710	0.750	7254779.849	607582.987	147.672	7254779.785	607583.019	0.039	-0.022	0.044	0.800
0711	0.750	7254779.968	607583.727	147.625	7254779.948	607583.771	-0.009	-0.061	0.061	0.770
0712	0.750	7254780.088	607584.467	147.511	7254780.072	607584.459	-0.009	0.024	0.026	0.700
0713	0.750	7254780.207	607585.208	147.527	7254780.179	607585.197	0.028	0.011	0.030	0.745
0714	0.750	7254780.327	607585.948	147.525	7254780.329	607585.932	-0.003	0.007	0.007	0.751
0715	0.750	7254780.446	607586.689	147.587	7254780.472	607586.681	-0.036	-0.017	0.040	0.762
0716	0.750	7254780.566	607587.429	147.653	7254780.649	607587.422	-0.067	-0.016	0.069	0.762
0717	0.750	7254780.685	607588.170	147.694	7254780.693	607588.132	-0.008	0.038	0.039	0.711
0718	0.750	7254780.805	607588.910	147.781	7254780.778	607588.862	0.000	0.017	0.017	0.735
0719	0.750	7254780.924	607589.650	147.800	7254780.863	607589.625	0.054	-0.012	0.056	0.768
0720	0.750	7254781.044	607590.391	147.996	7254781.065	607590.328	-0.062	0.031	0.070	0.732

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0721	0.750	7254781.163	607591.131	148.095	7254781.142	607591.093	0.021	0.038	0.043	0.769
0722	0.750	7254781.283	607591.872	148.124	7254781.290	607591.813	-0.014	0.019	0.024	0.734
0723	0.750	7254781.402	607592.612	148.252	7254781.411	607592.571	-0.026	0.032	0.041	0.768
0724	0.750	7254781.522	607593.353	148.220	7254781.536	607593.334	-0.016	0.008	0.017	0.773
0725	0.750	7254781.641	607594.093	148.212	7254781.629	607594.112	0.012	-0.019	0.022	0.784
0726	0.750	7254781.761	607594.833	148.209	7254781.786	607594.849	-0.024	0.008	0.026	0.754
0727	0.750	7254781.880	607595.574	148.176	7254781.893	607595.603	-0.003	-0.019	0.019	0.761
0728	0.750	7254782.000	607596.314	148.096	7254782.011	607596.365	0.012	-0.036	0.038	0.771
0729	0.750	7254782.119	607597.055	148.052	7254782.152	607597.056	-0.033	-0.001	0.033	0.705
0730	0.750	7254782.238	607597.795	148.046	7254782.252	607597.764	0.010	0.008	0.013	0.715
0731	0.750	7254782.358	607598.535	147.975	7254782.371	607598.488	-0.005	0.044	0.044	0.734
0732	0.750	7254782.477	607599.276	147.895	7254782.493	607599.274	-0.017	-0.026	0.031	0.795
0733	0.750	7254782.597	607600.016	147.887	7254782.580	607600.008	0.016	0.009	0.019	0.739
0734	0.750	7254782.716	607600.757	147.881	7254782.719	607600.747	-0.021	0.024	0.032	0.752
0735	0.750	7254782.836	607601.497	147.849	7254782.814	607601.534	0.026	-0.028	0.038	0.793
0736	0.750	7254782.955	607602.238	147.837	7254782.913	607602.276	0.044	-0.007	0.044	0.749
0737	0.750	7254783.075	607602.978	147.841	7254783.100	607603.004	-0.025	-0.026	0.036	0.751
0738	0.750	7254783.194	607603.718	147.816	7254783.186	607603.729	-0.002	-0.002	0.003	0.730
0739	0.750	7254783.314	607604.459	147.778	7254783.269	607604.450	0.044	-0.005	0.044	0.725
0740	0.750	7254783.433	607605.199	147.779	7254783.427	607605.213	-0.031	-0.045	0.055	0.780
0741	0.750	7254783.553	607605.940	147.680	7254783.525	607605.886	0.028	0.054	0.061	0.680
0742	0.750	7254783.672	607606.680	147.568	7254783.643	607606.640	0.012	0.007	0.013	0.763
0743	0.750	7254783.792	607607.421	147.592	7254783.784	607607.407	-0.018	-0.019	0.026	0.780
0744	0.750	7254783.911	607608.161	147.597	7254783.902	607608.151	-0.006	-0.002	0.007	0.753
0745	0.750	7254784.031	607608.901	147.717	7254784.008	607608.890	0.023	0.012	0.025	0.746
0746	0.750	7254784.150	607609.642	148.027	7254784.143	607609.625	-0.027	0.010	0.029	0.747
0747	0.750	7254784.270	607610.382	148.189	7254784.223	607610.381	0.014	-0.004	0.015	0.760
0748	0.750	7254784.389	607611.123	148.133	7254784.344	607611.201	0.001	-0.079	0.079	0.830
0749	0.750	7254784.509	607611.863	148.134	7254784.467	607611.864	0.042	-0.001	0.042	0.674
0750	0.750	7254784.628	607612.603	148.228	7254784.560	607612.605	0.028	-0.005	0.029	0.747
0751	0.750	7254784.748	607613.344	148.225	7254784.709	607613.337	-0.003	-0.008	0.008	0.747
0752	0.750	7254784.867	607614.084	148.225	7254784.915	607614.057	-0.087	0.009	0.087	0.748
0753	0.750	7254784.987	607614.825	148.394	7254784.946	607614.795	0.041	0.030	0.051	0.739
0754	0.750	7254785.106	607615.565	148.441	7254785.096	607615.495	-0.037	0.043	0.057	0.716
0755	0.750	7254785.226	607616.306	148.520	7254785.173	607616.281	-0.001	0.025	0.025	0.790
0756	0.750	7254785.345	607617.046	148.656	7254785.352	607617.057	-0.067	-0.008	0.067	0.797
0757	0.750	7254785.465	607617.786	148.702	7254785.398	607617.818	0.066	-0.031	0.073	0.762
0758	0.750	7254785.584	607618.527	148.708	7254785.536	607618.551	-0.015	0.016	0.022	0.746
0759	0.750	7254785.704	607619.267	148.683	7254785.644	607619.316	0.000	-0.046	0.046	0.772
0760	0.750	7254785.823	607620.008	148.683	7254785.851	607620.024	-0.083	-0.005	0.084	0.737
0761	0.750	7254785.943	607620.748	148.676	7254785.890	607620.721	0.052	0.027	0.059	0.699

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0762	0.750	7254786.062	607621.489	148.613	7254785.985	607621.439	0.034	0.033	0.047	0.724
0763	0.750	7254786.181	607622.229	148.614	7254786.148	607622.223	-0.023	0.012	0.026	0.801
0764	0.750	7254786.301	607622.969	148.617	7254786.273	607622.941	-0.019	0.045	0.049	0.728
0765	0.750	7254786.420	607623.710	148.649	7254786.361	607623.749	0.060	-0.039	0.071	0.813
0766	0.750	7254786.540	607624.450	148.741	7254786.507	607624.506	-0.018	-0.044	0.048	0.771
0767	0.750	7254786.659	607625.191	148.778	7254786.616	607625.176	-0.006	0.015	0.016	0.678
0768	0.750	7254786.779	607625.931	148.807	7254786.788	607625.847	-0.050	0.057	0.076	0.693
0769	0.750	7254786.898	607626.671	148.798	7254786.860	607626.633	0.038	0.038	0.054	0.789
0770	0.750	7254787.018	607627.412	148.803	7254786.968	607627.381	0.026	0.016	0.031	0.755
0771	0.750	7254787.137	607628.152	148.808	7254787.129	607628.161	-0.011	-0.011	0.015	0.796
0772	0.750	7254787.257	607628.893	148.826	7254787.251	607628.895	0.002	0.018	0.018	0.745
0773	0.750	7254787.376	607629.633	148.813	7254787.376	607629.667	0.000	-0.033	0.033	0.781
0774	0.750	7254787.496	607630.374	148.809	7254787.452	607630.380	0.040	0.014	0.042	0.718
0775	0.750	7254787.615	607631.114	148.829	7254787.607	607631.123	-0.007	0.000	0.007	0.759
0776	0.750	7254787.735	607631.854	148.897	7254787.776	607631.794	-0.060	0.058	0.083	0.692
0777	0.750	7254787.854	607632.595	148.979	7254787.824	607632.580	0.030	0.014	0.033	0.788
0778	0.750	7254787.974	607633.335	148.985	7254787.867	607633.359	0.068	-0.030	0.074	0.780
0779	0.750	7254788.093	607634.076	149.018	7254788.045	607634.077	0.016	-0.016	0.022	0.740
0780	0.750	7254788.213	607634.816	149.060	7254788.144	607634.773	0.027	0.037	0.046	0.703
0781	0.750	7254788.332	607635.557	149.060	7254788.298	607635.543	0.034	0.014	0.037	0.785
0782	0.750	7254788.452	607636.297	149.083	7254788.416	607636.278	0.009	-0.005	0.011	0.745
0783	0.750	7254788.571	607637.037	149.139	7254788.553	607637.002	-0.010	0.012	0.016	0.737
0784	0.750	7254788.691	607637.778	149.147	7254788.664	607637.748	0.006	-0.003	0.007	0.754
0785	0.750	7254788.810	607638.518	149.146	7254788.788	607638.486	0.023	0.032	0.039	0.749
0786	0.750	7254788.930	607639.259	149.156	7254788.930	607639.223	-0.019	-0.018	0.027	0.751
0787	0.750	7254789.049	607639.999	149.191	7254789.033	607639.923	-0.005	0.022	0.022	0.708
0788	0.750	7254789.169	607640.739	149.207	7254789.166	607640.684	-0.014	-0.021	0.025	0.772
0789	0.750	7254789.288	607641.480	149.205	7254789.270	607641.403	0.018	0.077	0.079	0.727
0790	0.750	7254789.408	607642.220	149.204	7254789.276	607642.204	0.097	-0.027	0.100	0.801
0791	0.750	7254789.527	607642.961	149.228	7254789.475	607642.951	0.033	-0.032	0.046	0.773
0792	0.750	7254789.647	607643.701	149.258	7254789.590	607643.745	0.020	-0.052	0.056	0.802
0793	0.750	7254789.766	607644.442	149.288	7254789.747	607644.436	0.019	0.006	0.020	0.708
0794	0.750	7254789.886	607645.182	149.311	7254789.847	607645.171	0.007	-0.008	0.011	0.742
0795	0.750	7254790.005	607645.922	149.344	7254789.960	607645.890	0.028	0.024	0.037	0.728
0796	0.750	7254790.124	607646.663	149.389	7254790.131	607646.665	-0.035	-0.023	0.042	0.793
0797	0.750	7254790.244	607647.403	149.418	7254790.231	607647.393	0.013	0.010	0.016	0.735
0798	0.750	7254790.363	607648.144	149.400	7254790.390	607648.108	-0.032	0.014	0.035	0.732
0799	0.750	7254790.483	607648.884	149.543	7254790.484	607648.850	0.004	0.010	0.011	0.748
0800	0.750	7254790.602	607649.625	149.597	7254790.594	607649.570	0.021	0.019	0.029	0.728
0801	0.750	7254790.722	607650.365	149.615	7254790.746	607650.327	-0.024	0.038	0.045	0.773
0802	0.750	7254790.841	607651.105	149.670	7254790.827	607651.099	0.032	-0.039	0.050	0.776

0803	0.750	7254790.961	607651.846	149.749	7254790.972	607651.794	0.007	0.017	0.019	0.709
0804	0.750	7254791.080	607652.586	149.794	7254791.091	607652.544	0.001	0.001	0.001	0.760
0805	0.750	7254791.200	607653.327	149.803	7254791.213	607653.295	-0.013	0.031	0.034	0.761
0806	0.750	7254791.319	607654.067	149.881	7254791.306	607654.049	0.009	-0.010	0.013	0.760
0807	0.750	7254791.439	607654.807	150.000	7254791.419	607654.784	0.016	0.011	0.019	0.743
0808	0.750	7254791.558	607655.548	150.001	7254791.527	607655.538	0.011	0.002	0.011	0.761
0809	0.750	7254791.678	607656.288	150.068	7254791.657	607656.295	0.021	-0.006	0.022	0.768
0810	0.750	7254791.797	607657.029	150.056	7254791.794	607657.019	-0.020	-0.009	0.022	0.737
0811	0.750	7254791.917	607657.769	150.057	7254791.892	607657.726	0.011	0.034	0.036	0.714
0812	0.750	7254792.036	607658.510	150.092	7254792.014	607658.465	0.006	0.011	0.013	0.749
0813	0.750	7254792.156	607659.250	150.196	7254792.149	607659.226	0.007	0.024	0.025	0.773
0814	0.750	7254792.275	607659.990	150.258	7254792.218	607659.968	0.047	0.001	0.047	0.746
0815	0.750	7254792.395	607660.731	150.257	7254792.381	607660.713	0.015	0.013	0.020	0.763
0816	0.750	7254792.514	607661.471	150.237	7254792.472	607661.447	0.041	0.022	0.047	0.740
0817	0.750	7254792.634	607662.212	150.211	7254792.644	607662.226	-0.011	-0.015	0.018	0.798
0818	0.750	7254792.753	607662.952	150.164	7254792.746	607662.969	-0.005	0.003	0.006	0.750
0819	0.750	7254792.873	607663.693	150.136	7254792.838	607663.717	0.027	-0.016	0.031	0.754
0820	0.750	7254792.992	607664.433	150.134	7254792.899	607664.428	0.062	0.020	0.065	0.713
0821	0.750	7254793.112	607665.173	150.075	7254793.085	607665.178	0.027	-0.004	0.027	0.772
0822	0.750	7254793.231	607665.914	149.960	7254793.179	607665.892	0.049	0.009	0.050	0.721
0823	0.750	7254793.351	607666.654	149.928	7254793.372	607666.625	-0.037	0.005	0.037	0.757
0824	0.750	7254793.470	607667.395	149.904	7254793.509	607667.358	-0.031	-0.004	0.031	0.746
0825	0.750	7254793.590	607668.135	149.862	7254793.585	607668.082	0.005	0.053	0.054	0.728
0826	0.750	7254793.709	607668.875	149.840	7254793.612	607668.841	0.086	-0.005	0.086	0.760
0827	0.750	7254793.829	607669.616	149.838	7254793.812	607669.591	-0.011	0.005	0.013	0.776
0828	0.750	7254793.948	607670.356	149.868	7254793.926	607670.371	-0.012	-0.020	0.023	0.788
0829	0.750	7254794.067	607671.097	149.911	7254794.016	607671.111	0.051	-0.014	0.053	0.746
0830	0.750	7254794.187	607671.837	149.980	7254794.092	607671.867	0.035	-0.019	0.040	0.760
0831	0.750	7254794.306	607672.578	150.048	7254794.239	607672.585	0.027	0.011	0.029	0.732
0832	0.750	7254794.426	607673.318	150.092	7254794.387	607673.366	-0.010	-0.034	0.035	0.796
0833	0.750	7254794.545	607674.058	150.152	7254794.516	607674.081	0.030	-0.023	0.037	0.726
0834	0.750	7254794.665	607674.799	150.225	7254794.589	607674.825	0.079	0.004	0.079	0.747
0835	0.750	7254794.784	607675.539	150.256	7254794.820	607675.576	-0.060	-0.032	0.068	0.786
0836	0.750	7254794.904	607676.280	150.256	7254794.895	607676.276	0.016	0.016	0.022	0.704
0837	0.750	7254795.023	607677.020	150.279	7254795.003	607677.006	0.020	0.014	0.024	0.739
0838	0.750	7254795.143	607677.761	150.250	7254794.983	607677.778	0.122	-0.035	0.127	0.772
0839	0.750	7254795.262	607678.501	150.214	7254795.206	607678.480	0.042	0.020	0.047	0.736
0840	0.750	7254795.382	607679.241	150.157	7254795.322	607679.239	0.028	-0.002	0.028	0.767
0841	0.750	7254795.501	607679.982	150.133	7254795.494	607679.994	0.008	-0.012	0.014	0.774
0842	0.750	7254795.621	607680.722	150.119	7254795.576	607680.745	0.027	-0.026	0.038	0.756
0843	0.750	7254795.740	607681.463	150.142	7254795.712	607681.444	0.021	0.023	0.031	0.712

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0844	0.750	7254795.860	607682.203	150.176	7254795.834	607682.207	0.009	-0.016	0.018	0.773
0845	0.750	7254795.979	607682.943	150.077	7254795.974	607682.939	0.005	0.005	0.007	0.745
0846	0.750	7254796.099	607683.684	150.117	7254796.060	607683.663	0.022	0.005	0.023	0.729
0847	0.750	7254796.218	607684.424	150.239	7254796.189	607684.398	0.012	0.022	0.025	0.746
0848	0.750	7254796.338	607685.165	150.237	7254796.291	607685.177	0.018	-0.028	0.033	0.786
0849	0.750	7254796.457	607685.905	150.206	7254796.428	607685.901	0.029	0.005	0.029	0.736
0850	0.750	7254796.577	607686.646	150.178	7254796.540	607686.650	-0.005	0.004	0.006	0.758
0851	0.750	7254796.696	607687.386	150.175	7254796.642	607687.407	0.043	-0.021	0.047	0.764
0852	0.750	7254796.816	607688.126	150.175	7254796.790	607688.112	0.001	0.027	0.027	0.721
0853	0.750	7254796.935	607688.867	150.175	7254796.940	607688.872	-0.005	-0.005	0.007	0.775
0854	0.750	7254797.055	607689.607	150.215	7254797.036	607689.610	0.035	-0.009	0.036	0.744
0855	0.750	7254797.174	607690.348	150.194	7254797.201	607690.330	-0.018	0.006	0.019	0.738
0856	0.750	7254797.294	607691.088	150.209	7254797.309	607691.078	0.004	-0.013	0.014	0.756
0857	0.750	7254797.413	607691.829	150.406	7254797.425	607691.800	-0.012	0.028	0.031	0.732
0858	0.750	7254797.533	607692.569	150.603	7254797.519	607692.566	0.017	-0.031	0.035	0.771
0859	0.750	7254797.652	607693.309	150.690	7254797.646	607693.269	0.006	0.040	0.040	0.715
0860	0.750	7254797.772	607694.050	150.710	7254797.717	607693.989	-0.006	0.040	0.041	0.723
0861	0.750	7254797.891	607694.790	150.729	7254797.774	607694.789	0.117	0.001	0.117	0.802
0862	0.750	7254798.010	607695.531	150.715	7254797.948	607695.494	0.011	0.033	0.034	0.726
0863	0.750	7254798.130	607696.271	150.713	7254798.144	607696.265	-0.014	0.006	0.015	0.795
0864	0.750	7254798.249	607697.011	150.694	7254798.213	607696.965	0.031	0.028	0.042	0.703
0865	0.750	7254798.369	607697.752	150.654	7254798.345	607697.719	0.024	0.033	0.041	0.766
0866	0.750	7254798.488	607698.492	150.623	7254798.485	607698.449	0.001	0.017	0.017	0.743
0867	0.750	7254798.608	607699.233	150.608	7254798.626	607699.213	-0.018	0.020	0.027	0.777
0868	0.750	7254798.727	607699.973	150.597	7254798.731	607699.927	-0.026	0.019	0.032	0.722
0869	0.750	7254798.847	607700.714	150.595	7254798.785	607700.679	0.062	0.035	0.071	0.754
0870	0.750	7254798.966	607701.454	150.597	7254798.939	607701.464	0.015	-0.015	0.021	0.800
0871	0.750	7254799.086	607702.194	150.612	7254799.123	607702.219	-0.038	-0.025	0.045	0.777
0872	0.750	7254799.205	607702.935	150.555	7254799.222	607702.955	-0.016	0.007	0.017	0.742
0873	0.750	7254799.325	607703.675	150.554	7254799.289	607703.705	0.036	-0.030	0.047	0.753
0874	0.750	7254799.444	607704.416	150.577	7254799.446	607704.437	-0.013	-0.010	0.016	0.748
0875	0.750	7254799.564	607705.156	150.618	7254799.577	607705.149	-0.013	0.008	0.015	0.724
0876	0.750	7254799.683	607705.897	150.634	7254799.628	607705.873	0.012	0.016	0.020	0.726
0877	0.750	7254799.803	607706.637	150.578	7254799.703	607706.630	0.100	0.007	0.100	0.761
0878	0.750	7254799.922	607707.377	150.500	7254799.878	607707.364	-0.020	0.017	0.027	0.754
0879	0.750	7254800.042	607708.118	150.498	7254800.012	607708.132	0.029	-0.014	0.033	0.780
0880	0.750	7254800.161	607708.858	150.565	7254800.141	607708.911	0.001	-0.051	0.051	0.790
0881	0.750	7254800.281	607709.599	150.585	7254800.272	607709.589	0.009	0.010	0.013	0.690
0882	0.750	7254800.400	607710.339	150.520	7254800.421	607710.318	-0.039	0.016	0.042	0.745
0883	0.750	7254800.520	607711.079	150.392	7254800.493	607711.079	0.027	0.000	0.027	0.764
0884	0.750	7254800.639	607711.820	150.335	7254800.652	607711.827	-0.018	0.005	0.018	0.765

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0885	0.750	7254800.759	607712.560	150.314	7254800.775	607712.584	-0.017	-0.024	0.029	0.767
0886	0.750	7254800.878	607713.301	150.306	7254800.893	607713.325	-0.017	0.006	0.018	0.750
0887	0.750	7254800.998	607714.041	150.395	7254800.977	607714.077	0.021	-0.036	0.041	0.757
0888	0.750	7254801.117	607714.782	150.437	7254801.060	607714.812	0.032	-0.019	0.037	0.739
0889	0.750	7254801.237	607715.522	150.433	7254801.207	607715.509	0.030	0.013	0.032	0.713
0890	0.750	7254801.356	607716.262	150.434	7254801.358	607716.228	-0.014	0.036	0.038	0.734
0891	0.750	7254801.476	607717.003	150.439	7254801.483	607717.018	-0.007	-0.015	0.017	0.800
0892	0.750	7254801.595	607717.743	150.489	7254801.621	607717.742	-0.043	-0.002	0.043	0.737
0893	0.750	7254801.715	607718.484	150.424	7254801.674	607718.461	0.041	0.022	0.047	0.721
0894	0.750	7254801.834	607719.224	150.394	7254801.977	607719.315	-0.162	-0.095	0.188	0.906
0895	0.750	7254801.954	607719.965	150.405	7254801.956	607719.978	-0.003	-0.014	0.014	0.664
0896	0.750	7254802.073	607720.705	150.459	7254802.099	607720.691	0.003	0.024	0.024	0.727
0897	0.750	7254802.192	607721.445	150.503	7254802.247	607721.452	-0.054	-0.007	0.055	0.775
0898	0.750	7254802.312	607722.186	150.493	7254802.319	607722.191	0.033	-0.012	0.035	0.742
0899	0.750	7254802.431	607722.926	150.520	7254802.457	607722.906	-0.025	0.020	0.032	0.728
0900	0.750	7254802.551	607723.667	149.720	7254802.544	607723.591	0.025	0.042	0.048	0.690
0901	0.750	7254802.670	607724.407	149.725	7254802.680	607724.359	-0.010	0.048	0.049	0.780
0902	0.750	7254802.790	607725.147	149.730	7254802.787	607725.091	0.009	0.034	0.035	0.740
0903	0.750	7254802.909	607725.888	149.735	7254802.911	607725.891	-0.002	-0.003	0.004	0.809
0904	0.750	7254803.029	607726.628	149.740	7254803.041	607726.615	-0.027	0.004	0.027	0.736
0905	0.750	7254803.148	607727.369	149.746	7254803.118	607727.347	0.030	0.021	0.037	0.736
0906	0.750	7254803.268	607728.109	149.773	7254803.260	607728.137	-0.005	-0.024	0.025	0.803
0907	0.750	7254803.387	607728.850	149.800	7254803.391	607728.879	-0.004	-0.030	0.030	0.754
0908	0.750	7254803.507	607729.590	149.826	7254803.473	607729.624	0.009	-0.013	0.016	0.749
0909	0.750	7254803.626	607730.330	149.853	7254803.573	607730.341	0.053	-0.011	0.054	0.725
0910	Transition	7254803.746	607731.071	149.880	7254803.706	607731.140	0.014	-0.034	0.037	0.810
0911	0.800	7254803.873	607731.861	149.908	7254803.868	607731.869	0.005	-0.009	0.010	0.747
0912	0.800	7254804.001	607732.650	149.937	7254803.958	607732.658	0.018	-0.006	0.019	0.793
0913	0.800	7254804.128	607733.440	149.965	7254804.083	607733.434	0.045	0.006	0.045	0.787
0914	0.800	7254804.256	607734.230	149.994	7254804.239	607734.254	0.006	-0.013	0.014	0.834
0915	0.800	7254804.383	607735.020	150.036	7254804.407	607735.048	-0.024	-0.028	0.037	0.811
0916	0.800	7254804.510	607735.810	150.079	7254804.555	607735.848	-0.030	-0.017	0.034	0.814
0917	0.800	7254804.638	607736.599	150.117	7254804.643	607736.613	-0.005	-0.014	0.015	0.770
0918	0.800	7254804.765	607737.389	150.155	7254804.734	607737.394	0.036	0.007	0.037	0.786
0919	0.800	7254804.893	607738.179	150.194	7254804.897	607738.190	-0.004	-0.011	0.012	0.812
0920	0.800	7254805.020	607738.969	150.232	7254805.071	607738.915	-0.043	0.048	0.064	0.746
0921	0.800	7254805.148	607739.758	150.270	7254805.160	607739.738	-0.012	0.021	0.024	0.827
0922	0.800	7254805.275	607740.548	150.308	7254805.285	607740.574	-0.025	-0.031	0.039	0.845
0923	0.800	7254805.403	607741.338	150.347	7254805.361	607741.348	0.042	-0.010	0.043	0.778
0924	0.800	7254805.530	607742.128	150.385	7254805.435	607742.156	0.062	-0.028	0.068	0.811
0925	0.800	7254805.658	607742.918	150.423	7254805.634	607742.907	0.024	0.011	0.026	0.777

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0926	0.800	7254805.785	607743.707	150.461	7254805.783	607743.751	-0.023	-0.043	0.049	0.857
0927	0.800	7254805.912	607744.497	150.519	7254805.886	607744.509	0.026	-0.011	0.028	0.765
0928	0.800	7254806.040	607745.287	150.590	7254806.017	607745.312	0.012	-0.017	0.021	0.814
0929	0.800	7254806.167	607746.077	150.662	7254806.171	607746.081	-0.004	-0.004	0.006	0.784
0930	0.800	7254806.295	607746.866	150.734	7254806.321	607746.872	-0.021	-0.018	0.028	0.805
0931	0.800	7254806.422	607747.656	150.804	7254806.428	607747.627	-0.006	0.030	0.030	0.762
0932	0.800	7254806.550	607748.446	150.863	7254806.520	607748.415	0.024	0.027	0.036	0.794
0933	0.800	7254806.677	607749.236	150.922	7254806.659	607749.257	0.018	-0.021	0.028	0.853
0934	0.800	7254806.805	607750.026	150.981	7254806.768	607750.039	0.026	-0.016	0.030	0.789
0935	0.800	7254806.932	607750.815	151.044	7254806.929	607750.789	0.003	0.026	0.027	0.767
0936	0.800	7254807.059	607751.605	151.109	7254806.997	607751.564	0.038	0.018	0.042	0.778
0937	0.800	7254807.187	607752.395	151.174	7254807.142	607752.374	0.045	0.021	0.050	0.823
0938	0.800	7254807.314	607753.185	151.239	7254807.260	607753.147	0.018	0.021	0.028	0.782
0939	0.800	7254807.442	607753.975	151.304	7254807.416	607753.961	0.026	0.013	0.029	0.829
0940	0.800	7254807.569	607754.764	151.368	7254807.558	607754.718	-0.009	0.030	0.032	0.770
0941	0.800	7254807.697	607755.554	151.427	7254807.682	607755.536	0.014	0.018	0.023	0.827
0942	0.800	7254807.824	607756.344	151.484	7254807.810	607756.330	0.008	0.016	0.018	0.805
0943	0.800	7254807.952	607757.134	151.538	7254807.955	607757.157	-0.003	-0.023	0.023	0.839
0944	0.800	7254808.079	607757.923	151.597	7254808.060	607757.958	0.028	-0.015	0.032	0.808
0945	0.800	7254808.207	607758.713	151.656	7254808.223	607758.728	-0.017	-0.015	0.022	0.787
0946	0.800	7254808.334	607759.503	151.715	7254808.333	607759.499	0.000	0.014	0.014	0.778
0947	0.800	7254808.461	607760.293	151.773	7254808.442	607760.296	0.020	-0.004	0.020	0.805
0948	0.800	7254808.589	607761.083	151.832	7254808.588	607761.050	-0.021	0.011	0.024	0.768
0949	0.800	7254808.716	607761.872	151.891	7254808.691	607761.826	0.025	0.046	0.052	0.783
0950	0.800	7254808.844	607762.662	151.950	7254808.804	607762.643	0.048	-0.024	0.054	0.824
0951	0.800	7254808.971	607763.452	152.010	7254809.012	607763.410	-0.041	0.041	0.058	0.796
0952	0.800	7254809.099	607764.242	152.084	7254809.073	607764.212	0.025	0.002	0.025	0.804
0953	0.800	7254809.226	607765.031	152.151	7254809.183	607765.017	0.043	0.015	0.045	0.812
0954	0.800	7254809.354	607765.821	152.212	7254809.316	607765.782	-0.007	0.013	0.014	0.776
0955	0.800	7254809.481	607766.611	152.273	7254809.435	607766.572	0.046	0.039	0.060	0.799
0956	0.800	7254809.609	607767.401	152.334	7254809.551	607767.353	0.029	0.010	0.031	0.790
0957	0.800	7254809.736	607768.191	152.394	7254809.726	607768.154	0.010	0.037	0.038	0.820
0958	0.800	7254809.863	607768.980	152.455	7254809.943	607768.991	-0.065	-0.026	0.070	0.865
0959	0.800	7254809.991	607769.770	152.513	7254810.030	607769.776	-0.040	-0.006	0.040	0.789
0960	0.800	7254810.118	607770.560	152.564	7254810.094	607770.555	0.048	0.004	0.048	0.782
0961	0.800	7254810.246	607771.350	152.614	7254810.253	607771.342	-0.008	0.007	0.011	0.803
0962	0.800	7254810.373	607772.140	152.664	7254810.399	607772.113	-0.021	0.030	0.037	0.785
0963	0.800	7254810.501	607772.929	152.715	7254810.502	607772.945	-0.002	-0.015	0.015	0.838
0964	0.800	7254810.628	607773.719	152.762	7254810.651	607773.735	-0.026	-0.014	0.030	0.804
0965	0.800	7254810.756	607774.509	152.799	7254810.747	607774.497	0.009	0.012	0.014	0.769
0966	0.800	7254810.883	607775.299	152.836	7254810.911	607775.287	-0.031	0.015	0.034	0.806

0967	0.800	7254811.010	607776.088	152.872	7254811.013	607776.106	-0.003	-0.018	0.018	0.825
0968	0.800	7254811.138	607776.878	153.909	7254811.227	607776.808	-0.085	0.067	0.108	0.734
0969	0.800	7254811.265	607777.668	153.946	7254811.271	607777.644	-0.005	0.024	0.024	0.837
0970	0.800	7254811.393	607778.458	153.983	7254811.406	607778.420	-0.021	0.016	0.026	0.787
0971	0.800	7254811.520	607779.248	154.027	7254811.499	607779.226	0.021	0.022	0.030	0.812
0972	0.800	7254811.648	607780.037	154.076	7254811.718	607779.960	-0.058	0.039	0.070	0.766
0973	0.800	7254811.775	607780.827	154.126	7254811.821	607780.772	-0.046	0.055	0.072	0.818
0974	0.800	7254811.903	607781.617	154.176	7254811.989	607781.576	-0.071	0.002	0.071	0.822
0975	0.800	7254812.030	607782.407	154.226	7254812.016	607782.386	0.014	0.021	0.025	0.810

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COMPLETION %	108.488 %
TOTAL CEMENT VOLUME (m³) :	6703.66 ₉ m³
TOTAL DEPTH DRILLED (m) :	8812.89 ₃ m

Don't erase - SNC table values
(Profiles_bedrock.xlsx)

Pile No.	Pile Type	Station	Column1	GROUND ELEVATION	THEORETICAL SOCKET BOTTOM ELEVATION	AS-BUILT SOCKET BOTTOM ELEVATION	REAL DEPTH (m)	ROCK SOCKET DEPTH (m)	CEMENT VOLUME (m³)	TARGET SOCKET BOTTOM ELEVATION	ENCOUNTERED BEDROCK BY HFDI	ENCOUNTERED BEDROCK-1M
0001	Primary	0+088.75	0+088.75	157.810	154.386	154.166	3.644	1.194	2.684	154.386	155.360	154.360
0002	Tertiary	0+089.55	0+089.55	157.774	154.384	153.756	4.018	1.628	2.913	154.056		
0003	Secondary	0+090.35	0+090.35	157.850	154.158	154.056	3.794	1.194	2.802	154.158	155.250	154.250
0004	Tertiary	0+091.15	0+091.15	157.732	153.907	153.704	4.028	1.203	2.984	153.522		
0005	Primary	0+091.95	0+091.95	157.753	153.653	153.522	4.231	1.031	3.169	153.653	154.553	153.553
0006	Tertiary	0+092.75	0+092.75	157.614	153.590	153.305	4.310	1.286	3.193	153.140		
0007	Secondary	0+093.55	0+093.55	157.418	153.573	153.140	4.278	0.878	3.229	153.573	154.018	153.018
0008	Tertiary	0+094.35	0+094.35	157.200	153.473	153.350	3.850	1.124	2.857	153.140		
0009	Primary	0+095.15	0+095.15	157.162	153.319	153.290	3.873	1.123	2.874	153.319	154.412	153.412
0010	Tertiary	0+095.95	0+095.95	157.248	153.200	153.079	4.169	1.121	3.107	153.166		
0011	Secondary	0+096.75	0+096.75	157.167	153.166	153.221	3.946	1.446	2.884	153.166	154.667	153.667
0012	Tertiary	0+097.55	0+097.55	157.095	153.031	152.923	4.173	1.109	3.112	152.858		
0013	Primary	0+098.35	0+098.35	157.126	152.858	152.905	4.221	1.111	3.150	152.858	154.016	153.016
0014	Tertiary	0+099.15	0+099.15	157.263	152.700	152.434	4.829	1.266	3.604	152.699		
0015	Secondary	0+099.95	0+099.95	157.152	152.699	152.705	4.447	1.197	3.314	152.699	153.902	152.902
0016	Tertiary	0+100.75	0+100.75	157.145	152.766	152.693	4.452	1.073	3.337	152.699		
0017	Primary	0+101.55	0+101.55	157.111	152.852	152.837	4.274	1.074	3.197	152.852	153.911	152.911
0018	Tertiary	0+102.35	0+102.35	157.305	152.970	152.789	4.517	1.182	3.371	152.837		
0019	Secondary	0+103.15	0+103.15	157.150	153.065	153.067	4.083	0.383	3.149	153.065	153.450	152.450
0020	Tertiary	0+103.95	0+103.95	157.114	153.109	152.751	4.363	1.358	3.224	152.377		
0021	Primary	0+104.75	0+104.75	157.056	153.048	152.377	4.679	1.679	3.424	153.048	154.056	153.056
0022	Tertiary	0+105.55	0+105.55	157.207	152.970	152.340	4.867	1.630	3.580	152.377		
0023	Secondary	0+106.35	0+106.35	157.143	152.884	152.586	4.558	1.458	3.362	152.884	154.043	153.043
0024	Tertiary	0+107.15	0+107.15	157.171	152.811	152.531	4.640	1.280	3.453	152.024		
0025	Primary	0+107.95	0+107.95	157.091	152.750	152.024	5.067	1.967	3.686	152.750	153.991	152.991
0026	Tertiary	0+108.75	0+108.75	157.228	152.750	152.580	4.649	1.171	3.476	152.024		

0027	Secondary	0+109.55	0+109.55	157.143	152.670	152.635	4.508	1.358	3.338	152.670	153.993	152.993
0028	Tertiary	0+110.35	0+110.35	157.163	152.517	152.468	4.696	1.049	3.531	151.564		
0029	Primary	0+111.15	0+111.15	157.108	152.430	151.564	5.544	1.234	4.170	152.430	152.798	151.798
0030	Tertiary	0+111.95	0+111.95	157.269	152.322	152.055	5.214	1.267	3.906	151.564		
0031	Secondary	0+112.75	0+112.75	157.146	152.269	152.079	5.067	1.417	3.769	152.269	153.496	152.496
0032	Tertiary	0+113.55	0+113.55	157.164	152.270	152.077	5.087	1.193	3.817	151.350		
0033	Primary	0+114.35	0+114.35	157.000	152.190	151.350	5.650	1.680	4.187	152.190	153.030	152.030
0034	Tertiary	0+115.15	0+115.15	157.156	152.049	151.925	5.231	1.124	3.941	151.350		
0035	Secondary	0+115.95	0+115.95	157.117	152.037	152.124	4.993	1.193	3.744	152.037	153.317	152.317
0036	Tertiary	0+116.75	0+116.75	157.152	152.044	151.785	5.367	1.259	4.028	151.244		
0037	Primary	0+117.55	0+117.55	157.086	152.063	151.244	5.842	1.622	4.346	152.063	152.866	151.866
0038	Tertiary	0+118.35	0+118.35	157.163	152.077	151.897	5.267	1.181	3.960	151.126		
0039	Secondary	0+119.15	0+119.15	157.117	151.961	151.126	5.991	2.291	4.363	151.961	153.417	152.417
0040	Tertiary	0+119.95	0+119.95	157.116	151.898	151.849	5.267	1.049	3.980	151.126		
0041	Primary	0+120.75	0+120.75	157.000	151.867	151.184	5.816	1.656	4.321	151.867	152.840	151.840
0042	Tertiary	0+121.55	0+121.55	157.181	151.847	151.588	5.593	1.259	4.205	151.184		
0043	Secondary	0+122.35	0+122.35	157.043	151.800	151.807	5.237	1.287	3.921	151.800	153.093	152.093
0044	Tertiary	0+123.15	0+123.15	157.018	151.749	151.638	5.380	1.111	4.060	151.345		
0045	Primary	0+123.95	0+123.95	156.910	151.624	151.345	5.565	1.425	4.158	151.624	152.770	151.770
0046	Tertiary	0+124.75	0+124.75	157.178	151.345	150.898	6.280	1.447	4.717	151.034		
0047	Secondary	0+125.55	0+125.55	156.979	151.276	151.034	5.945	1.295	4.476	151.276	152.329	151.329
0048	Tertiary	0+126.35	0+126.35	157.084	151.277	150.976	6.108	1.301	4.603	151.034		
0049	Primary	0+127.15	0+127.15	156.989	151.406	151.323	5.667	0.967	4.306	151.406	152.289	151.289
0050	Tertiary	0+127.95	0+127.95	157.129	151.418	151.146	5.983	1.272	4.509	151.323		
0051	Secondary	0+128.75	0+128.75	157.041	151.404	151.420	5.621	0.921	4.277	151.404	152.341	151.341
0052	Tertiary	0+129.55	0+129.55	157.038	151.400	151.364	5.674	1.036	4.302	151.105		
0053	Primary	0+130.35	0+130.35	157.050	151.345	151.105	5.946	1.086	4.508	151.345	152.190	151.190
0054	Tertiary	0+131.15	0+131.15	157.156	151.207	150.940	6.217	1.268	4.693	150.782		
0055	Secondary	0+131.95	0+131.95	157.033	151.106	150.782	6.251	1.451	4.693	151.106	152.233	151.233
0056	Tertiary	0+132.75	0+132.75	157.110	151.030	150.774	6.337	1.256	4.789	150.782		
0057	Primary	0+133.55	0+133.55	156.973	150.997	150.829	6.144	1.074	4.665	150.997	151.903	150.903
0058	Tertiary	0+134.35	0+134.35	157.132	151.054	150.771	6.361	1.283	4.805	150.829		
0059	Secondary	0+135.15	0+135.15	157.001	151.153	151.139	5.862	1.062	4.445	151.153	152.201	151.201
0060	Tertiary	0+135.95	0+135.95	156.952	151.157	151.013	5.939	1.144	4.494	151.049		
0061	Primary	0+136.75	0+136.75	156.957	151.158	151.049	5.909	0.929	4.502	151.158	151.977	150.977
0062	Tertiary	0+137.55	0+137.55	157.075	151.131	151.101	5.974	1.030	4.538	150.976		
0063	Secondary	0+138.35	0+138.35	156.994	151.068	150.976	6.018	1.118	4.560	151.068	152.094	151.094
0064	Tertiary	0+139.15	0+139.15	157.065	151.013	150.860	6.205	1.153	4.702	150.952		
0065	Primary	0+139.95	0+139.95	156.921	150.952	151.059	5.862	0.932	4.465	150.952	151.991	150.991
0066	Tertiary	0+140.75	0+140.75	157.122	150.905	150.847	6.275	1.058	4.771	150.912		

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0067	Secondary	0+141.55	0+141.55	156.966	150.912	150.953	6.013	1.113	4.556	150.912	152.066	151.066
0068	Tertiary	0+142.35	0+142.35	157.035	151.016	150.902	6.134	1.114	4.651	150.912		
0069	Primary	0+143.15	0+143.15	156.976	150.982	150.930	6.046	1.146	4.578	150.982	152.076	151.076
0070	Tertiary	0+143.95	0+143.95	157.166	150.982	150.701	6.465	1.281	4.887	150.930		
0071	Secondary	0+144.75	0+144.75	156.985	151.041	151.064	5.921	0.971	4.505	151.041	152.035	151.035
0072	Tertiary	0+145.55	0+145.55	157.130	151.127	150.902	6.228	1.225	4.709	150.898		
0073	Primary	0+146.35	0+146.35	156.961	151.128	150.898	6.064	1.164	4.589	151.128	152.061	151.061
0074	Tertiary	0+147.15	0+147.15	157.215	151.156	151.018	6.198	1.139	4.698	150.898		
0075	Secondary	0+147.95	0+147.95	157.105	151.165	151.243	5.863	0.963	4.461	151.165	152.205	151.205
0076	Tertiary	0+148.75	0+148.75	157.195	151.186	151.176	6.019	1.010	4.577	151.165		
0077	Primary	0+149.55	0+149.55	157.037	151.193	151.271	5.766	0.866	4.399	151.193	152.137	151.137
0078	Tertiary	0+150.35	0+150.35	157.289	151.178	150.962	6.327	1.216	4.788	151.057		
0079	Secondary	0+151.15	0+151.15	157.135	151.057	151.063	6.072	1.072	4.609	151.057	152.135	151.135
0080	Tertiary	0+151.95	0+151.95	157.185	150.981	150.845	6.340	1.136	4.810	150.956		
0081	Primary	0+152.75	0+152.75	157.057	150.956	150.992	6.065	0.965	4.619	150.956	151.957	150.957
0082	Tertiary	0+153.55	0+153.55	157.251	150.885	150.645	6.607	1.241	5.004	150.810		
0083	Secondary	0+154.35	0+154.35	157.133	150.828	150.810	6.323	1.023	4.813	150.828	151.833	150.833
0084	Tertiary	0+155.15	0+155.15	157.140	150.827	150.875	6.265	0.952	4.778	150.630		
0085	Primary	0+155.95	0+155.95	157.066	150.830	150.630	6.437	1.337	4.856	150.830	151.966	150.966
0086	Tertiary	0+156.75	0+156.75	157.280	150.914	150.757	6.523	1.157	4.951	150.630		
0087	Secondary	0+157.55	0+157.55	157.120	150.945	150.990	6.130	0.880	4.683	150.945	151.870	150.870
0088	Tertiary	0+158.35	0+158.35	157.219	150.916	150.916	6.303	1.000	4.801	150.905		
0089	Primary	0+159.15	0+159.15	157.086	150.916	150.905	6.181	1.081	4.693	150.916	151.986	150.986
0090	Tertiary	0+159.95	0+159.95	157.269	150.925	150.797	6.473	1.129	4.915	150.885		
0091	Secondary	0+160.75	0+160.75	157.142	150.938	150.885	6.257	1.057	4.757	150.938	151.942	150.942
0092	Tertiary	0+161.55	0+161.55	157.231	150.904	150.716	6.516	1.189	4.940	150.851		
0093	Primary	0+162.35	0+162.35	157.086	150.904	150.851	6.235	1.085	4.735	150.904	151.936	150.936
0094	Tertiary	0+163.15	0+163.15	157.318	150.937	150.733	6.585	1.204	4.992	150.767		
0095	Secondary	0+163.95	0+163.95	157.168	150.933	150.767	6.401	1.301	4.833	150.933	152.068	151.068
0096	Tertiary	0+164.75	0+164.75	157.210	150.927	150.452	6.758	1.475	5.088	150.473		
0097	Primary	0+165.55	0+165.55	157.104	150.970	150.473	6.632	1.532	4.980	150.970	152.004	151.004
0098	Tertiary	0+166.35	0+166.35	157.269	150.928	149.913	7.356	2.015	5.477	150.029		
0099	Secondary	0+167.15	0+167.15	157.108	150.925	150.029	7.079	2.119	5.244	150.925	152.148	151.148
0100	Tertiary	0+167.95	0+167.95	157.153	150.959	150.682	6.471	1.277	4.892	150.029		
0101	Primary	0+168.75	0+168.75	157.030	150.954	150.648	6.382	1.342	4.812	150.954	151.990	150.990
0102	Tertiary	0+169.55	0+169.55	157.321	150.942	150.554	6.767	1.388	5.108	150.648		
0103	Secondary	0+170.35	0+170.35	157.095	150.697	150.675	6.421	1.271	4.853	150.697	151.945	150.945
0104	Tertiary	0+171.15	0+171.15	157.176	150.936	150.153	7.023	1.783	5.250	150.675		
0105	Primary	0+171.95	0+171.95	157.094	150.981	150.813	6.281	1.181	4.757	150.981	151.994	150.994
0106	Tertiary	0+172.75	0+172.75	157.164	150.975	150.059	7.105	1.916	5.294	150.813		
0107	Secondary	0+173.55	0+173.55	157.115	150.976	151.065	6.051	1.190	4.574	150.976	152.255	151.255

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0108	Tertiary	0+174.35	0+174.35	157.202	151.007	150.687	6.515	1.320	4.920	150.713		
0109	Primary	0+175.15	0+175.15	157.060	150.970	150.713	6.347	1.337	4.785	150.970	152.050	151.050
0110	Tertiary	0+175.95	0+175.95	157.152	150.966	150.974	6.178	0.993	4.705	150.713		
0111	Secondary	0+176.75	0+176.75	157.121	151.009	150.904	6.217	1.477	4.662	151.009	152.381	151.381
0112	Tertiary	0+177.55	0+177.55	157.104	150.949	150.906	6.198	1.043	4.712	150.615		
0113	Primary	0+178.35	0+178.35	157.003	150.689	150.615	6.388	1.189	4.840	150.689	151.803	150.803
0114	Tertiary	0+179.15	0+179.15	157.162	150.616	150.633	6.529	0.983	4.981	150.089		
0115	Secondary	0+179.95	0+179.95	157.089	150.598	150.089	7.001	1.031	5.344	150.598	151.119	150.119
0116	Tertiary	0+180.75	0+180.75	157.184	150.595	150.517	6.668	1.079	5.076	149.963		
0117	Primary	0+181.55	0+181.55	157.014	150.560	149.963	7.052	1.952	5.247	150.560	151.914	150.914
0118	Tertiary	0+182.35	0+182.35	157.171	150.535	150.309	6.862	1.226	5.206	149.963		
0119	Secondary	0+183.15	0+183.15	157.136	150.543	150.470	6.666	0.466	5.166	150.543	150.936	149.936
0120	Tertiary	0+183.95	0+183.95	157.180	150.606	150.654	6.527	0.952	4.984	150.336		
0121	Primary	0+184.75	0+184.75	157.033	150.595	150.336	6.697	1.697	5.007	150.595	152.033	151.033
0122	Tertiary	0+185.55	0+185.55	157.184	150.595	150.849	6.335	0.746	4.865	150.234		
0123	Secondary	0+186.35	0+186.35	157.175	150.623	150.234	6.941	1.641	5.207	150.623	151.875	150.875
0124	Tertiary	0+187.15	0+187.15	157.165	150.625	150.593	6.572	1.032	5.008	150.234		
0125	Primary	0+187.95	0+187.95	157.045	150.503	150.500	6.545	1.545	4.910	150.503	152.045	151.045
0126	Tertiary	0+188.75	0+188.75	157.163	150.298	150.290	6.873	1.008	5.248	150.193		
0127	Secondary	0+189.55	0+189.55	157.141	150.279	150.193	6.949	0.849	5.331	150.279	151.041	150.041
0128	Tertiary	0+190.30	0+190.30	157.317	150.021	149.808	7.509	1.213	5.716	148.484		
0129	Primary	0+191.05	0+191.05	157.093	149.626	148.484	8.609	3.009	6.313	149.626	151.493	150.493
0130	Tertiary	0+191.80	0+191.80	157.232	149.575	149.201	8.031	1.374	6.103	148.484		
0131	Secondary	0+192.55	0+192.55	157.202	149.436	149.534	7.668	0.906	5.888	149.436	150.440	149.440
0132	Tertiary	0+193.30	0+193.30	157.290	149.112	148.815	8.475	1.297	6.463	148.634		
0133	Primary	0+194.05	0+194.05	157.081	148.979	148.634	8.447	1.197	6.456	148.979	149.831	148.831
0134	Tertiary	0+194.80	0+194.80	157.209	148.954	148.706	8.503	1.248	6.492	148.586		
0135	Secondary	0+195.55	0+195.55	157.305	148.808	148.586	8.719	1.469	6.629	148.808	150.055	149.055
0136	Tertiary	0+196.30	0+196.30	157.261	148.661	148.673	8.588	0.988	6.598	148.586		
0137	Primary	0+197.05	0+197.05	157.126	148.652	148.671	8.455	0.855	6.513	148.652	149.526	148.526
0138	Tertiary	0+197.80	0+197.80	157.213	148.616	148.494	8.719	1.122	6.680	148.527		
0139	Secondary	0+198.55	0+198.55	157.383	148.612	148.527	8.857	1.527	6.728	148.612	150.053	149.053
0140	Tertiary	0+199.30	0+199.30	157.252	148.610	148.482	8.770	1.128	6.720	148.488		
0141	Primary	0+200.05	0+200.05	157.123	148.576	148.488	8.635	1.005	6.632	148.576	149.493	148.493
0142	Tertiary	0+200.80	0+200.80	157.281	148.407	148.350	8.932	1.058	6.857	148.147		
0143	Secondary	0+201.55	0+201.55	157.292	148.414	148.147	9.145	1.445	6.967	148.414	149.592	148.592
0144	Tertiary	0+202.30	0+202.30	157.299	148.389	148.156	9.144	1.234	6.997	148.147		
0145	Primary	0+203.05	0+203.05	157.029	148.360	148.376	8.653	0.984	6.649	148.360	149.360	148.360
0146	Tertiary	0+203.80	0+203.80	157.362	148.237	148.202	9.160	1.035	7.040	148.093		
0147	Secondary	0+204.55	0+204.55	157.188	148.227	148.093	9.095	1.396	6.935	148.227	149.488	148.488
0148	Tertiary	0+205.30	0+205.30	157.326	148.224	148.043	9.283	1.181	7.115	148.006		

0149	Primary	0+206.05	0+206.05	157.011	148.269	148.006	9.005	1.575	6.837	148.269	149.581	148.581
0150	Tertiary	0+206.80	0+206.80	157.370	148.359	148.069	9.301	1.290	7.113	148.006		
0151	Secondary	0+207.55	0+207.55	157.245	148.398	148.015	9.230	1.510	7.024	148.398	149.525	148.525
0152	Tertiary	0+208.30	0+208.30	157.319	148.506	148.178	9.141	1.328	6.981	148.015		
0153	Primary	0+209.05	0+209.05	157.015	148.634	148.478	8.537	1.077	6.544	148.634	149.555	148.555
0154	Tertiary	0+209.80	0+209.80	157.455	148.595	148.356	9.099	1.239	6.961	147.924		
0155	Secondary	0+210.55	0+210.55	157.255	148.589	147.924	9.331	1.731	7.070	148.589	149.655	148.655
0156	Tertiary	0+211.30	0+211.30	157.324	148.547	148.462	8.862	1.085	6.798	147.924		
0157	Primary	0+212.05	0+212.05	157.044	148.528	148.407	8.637	1.123	6.616	148.528	149.530	148.530
0158	Tertiary	0+212.80	0+212.80	157.462	148.509	148.345	9.117	1.164	6.987	148.407		
0159	Secondary	0+213.55	0+213.55	157.334	148.494	148.514	8.820	1.220	6.745	148.494	149.734	148.734
0160	Tertiary	0+214.30	0+214.30	156.795	148.494	148.450	8.345	1.044	6.399	148.411		
0161	Primary	0+215.05	0+215.05	157.027	148.526	148.411	8.616	0.916	6.630	148.526	149.327	148.327
0162	Tertiary	0+215.80	0+215.80	157.348	148.600	148.432	8.916	1.168	6.828	148.330		
0163	Secondary	0+216.55	0+216.55	157.325	148.647	148.330	8.995	1.396	6.857	148.647	149.725	148.725
0164	Tertiary	0+217.30	0+217.30	157.365	148.638	147.963	9.402	1.675	7.134	147.559		
0165	Primary	0+218.05	0+218.05	157.080	148.267	147.559	9.521	1.921	7.191	148.267	149.480	148.480
0166	Tertiary	0+218.80	0+218.80	157.296	148.588	148.416	8.880	1.172	6.800	147.559		
0167	Secondary	0+219.55	0+219.55	157.382	148.586	148.348	9.034	1.334	6.896	148.586	149.682	148.682
0168	Tertiary	0+220.30	0+220.30	157.428	148.600	148.325	9.103	1.275	6.959	147.961		
0169	Primary	0+221.05	0+221.05	157.052	148.265	147.961	9.091	1.491	6.917	148.265	149.452	148.452
0170	Tertiary	0+221.80	0+221.80	157.293	148.625	148.504	8.789	1.121	6.736	147.961		
0171	Secondary	0+222.55	0+222.55	157.236	148.726	148.359	8.877	1.371	6.767	148.726	149.730	148.730
0172	Tertiary	0+223.30	0+223.30	157.423	148.979	148.782	8.641	1.197	6.608	148.359		
0173	Primary	0+224.05	0+224.05	157.069	149.115	148.625	8.444	1.744	6.372	149.115	150.369	149.369
0174	Tertiary	0+224.80	0+224.80	157.223	149.209	148.941	8.283	1.268	6.316	148.625		
0175	Secondary	0+225.55	0+225.55	157.242	149.302	148.989	8.253	1.253	6.295	149.302	150.242	149.242
0176	Tertiary	0+226.30	0+226.30	157.469	149.206	149.083	8.387	1.124	6.419	148.989		
0177	Primary	0+227.05	0+227.05	157.087	149.126	149.006	8.082	1.182	6.171	149.126	150.187	149.187
0178	Tertiary	0+227.80	0+227.80	157.239	149.060	149.035	8.204	1.025	6.291	148.850		
0179	Secondary	0+228.55	0+228.55	157.191	149.037	148.850	8.341	1.311	6.356	149.037	150.161	149.161
0180	Tertiary	0+229.30	0+229.30	157.319	149.022	148.438	8.881	1.584	6.739	148.850		
0181	Primary	0+230.05	0+230.05	157.011	149.020	148.950	8.061	1.161	6.158	149.020	150.111	149.111
0182	Tertiary	0+230.80	0+230.80	157.276	149.021	148.973	8.303	1.048	6.365	148.740		
0183	Secondary	0+231.55	0+231.55	157.175	148.994	148.740	8.435	0.965	6.481	148.994	149.705	148.705
0184	Tertiary	0+232.30	0+232.30	157.322	149.038	148.870	8.452	1.168	6.464	148.740		
0185	Primary	0+233.05	0+233.05	157.062	149.218	149.105	7.958	1.116	6.083	149.218	150.220	149.220
0186	Tertiary	0+233.80	0+233.80	157.315	149.330	148.729	8.586	1.601	6.505	149.105		
0187	Secondary	0+234.55	0+234.55	157.175	149.340	149.190	7.985	1.305	6.077	149.340	150.495	149.495
0188	Tertiary	0+235.30	0+235.30	157.318	149.480	149.151	8.167	1.329	6.216	149.190		
0189	Primary	0+236.05	0+236.05	157.096	149.575	149.442	7.654	1.294	5.819	149.575	150.736	149.736

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0190	Tertiary	0+236.80	0+236.80	157.255	149.603	149.460	7.795	1.143	5.952	149.426		
0191	Secondary	0+237.55	0+237.55	157.129	149.604	149.426	7.703	1.153	5.878	149.604	150.579	149.579
0192	Tertiary	0+238.30	0+238.30	157.308	149.585	149.109	8.200	1.477	6.220	149.415		
0193	Primary	0+239.05	0+239.05	157.036	149.585	149.415	7.621	1.171	5.811	149.585	150.586	149.586
0194	Tertiary	0+239.80	0+239.80	157.219	149.676	149.637	7.582	1.039	5.800	149.415		
0195	Secondary	0+240.55	0+240.55	157.086	149.813	149.656	7.430	1.300	5.642	149.813	150.956	149.956
0196	Tertiary	0+241.30	0+241.30	157.263	149.875	149.908	7.355	0.967	5.632	149.559		
0197	Primary	0+242.05	0+242.05	157.049	149.843	149.559	7.490	1.390	5.675	149.843	150.949	149.949
0198	Tertiary	0+242.80	0+242.80	157.232	149.708	149.678	7.554	1.030	5.779	149.550		
0199	Secondary	0+243.55	0+243.55	157.096	149.667	149.550	7.547	1.247	5.741	149.667	150.796	149.796
0200	Tertiary	0+244.30	0+244.30	157.302	149.542	148.229	9.073	2.313	6.781	149.461		
0201	Primary	0+245.05	0+245.05	157.079	149.475	149.461	7.618	1.218	5.801	149.475	150.679	149.679
0202	Tertiary	0+245.80	0+245.80	157.283	149.478	149.303	7.980	1.175	6.092	149.100		
0203	Secondary	0+246.55	0+246.55	157.132	149.537	149.100	8.032	1.052	6.152	149.537	150.152	149.152
0204	Tertiary	0+247.30	0+247.30	157.317	149.400	149.128	8.189	1.272	6.242	148.693		
0205	Primary	0+248.05	0+248.05	157.100	149.253	148.693	8.407	1.557	6.370	149.253	150.250	149.250
0206	Tertiary	0+248.80	0+248.80	157.265	149.200	148.777	8.488	1.423	6.454	148.693		
0207	Secondary	0+249.55	0+249.55	157.125	149.201	149.071	8.054	0.994	6.177	149.201	150.065	149.065
0208	Tertiary	0+250.30	0+250.30	157.350	149.300	149.184	8.166	1.116	6.247	149.071		
0209	Primary	0+251.05	0+251.05	157.017	149.409	149.240	7.778	1.171	5.934	149.409	150.410	149.410
0210	Tertiary	0+251.80	0+251.80	157.233	149.529	149.036	8.197	1.493	6.215	149.240		
0211	Secondary	0+252.55	0+252.55	157.100	149.538	149.248	7.852	1.252	5.980	149.538	150.500	149.500
0212	Tertiary	0+253.30	0+253.30	157.247	149.592	149.255	7.993	1.338	6.078	149.248		
0213	Primary	0+254.05	0+254.05	156.998	149.615	149.466	7.532	1.232	5.732	149.615	150.698	149.698
0214	Tertiary	0+254.80	0+254.80	157.177	149.637	149.627	7.550	1.010	5.779	149.406		
0215	Secondary	0+255.55	0+255.55	157.004	149.613	149.406	7.598	0.998	5.818	149.613	150.404	149.404
0216	Tertiary	0+256.30	0+256.30	157.234	149.511	149.104	8.130	1.407	6.175	149.303		
0217	Primary	0+257.05	0+257.05	156.960	149.511	149.303	7.657	1.207	5.834	149.511	150.510	149.510
0218	Tertiary	0+257.80	0+257.80	157.151	149.495	149.390	7.761	1.105	5.931	148.955		
0219	Secondary	0+258.55	0+258.55	156.980	149.478	148.955	8.025	1.625	6.061	149.478	150.580	149.580
0220	Tertiary	0+259.30	0+259.30	157.220	149.433	149.247	7.973	1.173	6.087	148.848	150.420	149.420
0221	Primary	0+260.05	0+260.05	156.903	149.409	148.848	8.055	1.562	6.094	149.409	150.410	149.410
0222	Tertiary	0+260.86	0+260.86	157.122	149.339	149.326	7.796	1.013	5.972	148.846		
0223	Secondary	0+261.66	0+261.66	156.979	149.323	148.846	8.133	1.533	6.159	149.323	150.379	149.379
0224	Tertiary	0+262.46	0+262.46	157.220	149.331	147.305	9.915	3.026	7.336	148.846		
0225	Primary	0+263.26	0+263.26	156.885	149.463	149.333	7.553	1.263	5.743	149.463	150.595	149.595
0226	Tertiary	0+264.06	0+264.06	157.080	149.436	149.278	7.802	1.158	5.955	149.317		
0227	Secondary	0+264.86	0+264.86	156.976	149.426	149.317	7.660	1.060	5.858	149.426	150.376	149.376
0228	Tertiary	0+265.66	0+265.66	157.228	149.429	148.195	9.033	2.234	6.761	148.643		
0229	Primary	0+266.46	0+266.46	156.940	149.434	148.643	8.297	1.887	6.235	149.434	150.530	149.530

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0230	Tertiary	0+267.26	0+267.26	157.132	149.521	149.212	7.920	1.309	6.025	148.643		
0231	Secondary	0+268.06	0+268.06	156.970	149.575	149.461	7.509	1.209	5.717	149.575	150.670	149.670
0232	Tertiary	0+268.86	0+268.86	157.224	149.710	148.525	8.700	2.186	6.507	149.461		
0233	Primary	0+269.66	0+269.66	156.915	149.971	149.746	7.169	1.469	5.411	149.971	151.215	150.215
0234	Tertiary	0+270.46	0+270.46	157.106	150.076	149.872	7.234	1.204	5.502	149.746		
0235	Secondary	0+271.26	0+271.26	156.965	150.218	149.924	7.041	1.294	5.337	150.218		
0236	Tertiary	0+272.06	0+272.06	157.243	150.115	149.975	7.268	1.140	5.538	149.508		
0237	Primary	0+272.86	0+272.86	156.938	149.784	149.508	7.430	1.600	5.597	149.784	151.108	150.108
0238	Tertiary	0+273.66	0+273.66	157.106	149.717	149.427	7.679	1.290	5.838	149.282		
0239	Secondary	0+274.46	0+274.46	156.993	149.719	149.282	7.711	1.411	5.846	149.719	150.693	149.693
0240	Tertiary	0+275.26	0+275.26	157.185	149.722	149.358	7.827	1.364	5.944	149.282		
0241	Primary	0+276.06	0+276.06	156.933	149.668	149.379	7.554	1.404	5.723	149.668	150.783	149.783
0242	Tertiary	0+276.86	0+276.86	157.079	149.648	149.398	7.682	1.250	5.846	149.100		
0243	Secondary	0+277.66	0+277.66	156.988	149.608	149.100	7.889	1.489	5.974	149.608	150.588	149.588
0244	Tertiary	0+278.46	0+278.46	157.147	149.608	149.138	8.009	1.470	6.071	149.100		
0245	Primary	0+279.26	0+279.26	156.950	149.649	149.513	7.437	1.137	5.671	149.649	150.650	149.650
0246	Tertiary	0+280.06	0+280.06	157.244	149.512	149.210	8.034	1.302	6.116	149.283		
0247	Secondary	0+280.86	0+280.86	157.022	149.467	149.283	7.739	1.187	5.901	149.467	150.470	149.470
0248	Tertiary	0+281.66	0+281.66	157.228	149.488	149.118	8.110	1.370	6.165	149.283		
0249	Primary	0+282.46	0+282.46	156.902	149.626	149.424	7.478	0.288	5.830	149.626	149.712	148.712
0250	Tertiary	0+283.26	0+283.26	157.147	149.722	149.463	7.684	1.259	5.847	149.424		
0251	Secondary	0+284.06	0+284.06	157.060	149.942	149.686	7.374	1.254	5.605	149.942	150.940	149.940
0252	Tertiary	0+284.86	0+284.86	157.113	150.067	149.498	7.615	1.569	5.747	149.686		
0253	Primary	0+285.66	0+285.66	156.882	150.101	150.080	6.802	1.082	5.181	150.101	151.162	150.162
0254	Tertiary	0+286.46	0+286.46	157.177	149.992	149.779	7.398	1.213	5.630	149.784		
0255	Secondary	0+287.26	0+287.26	157.012	149.976	149.784	7.228	2.028	5.374	149.976	151.812	150.812
0256	Tertiary	0+288.06	0+288.06	157.269	149.974	149.603	7.667	1.372	5.817	149.784		
0257	Primary	0+288.86	0+288.86	156.857	149.964	149.810	7.048	1.248	5.349	149.964	151.057	150.057
0258	Tertiary	0+289.66	0+289.66	157.066	149.906	148.326	8.741	2.581	6.480	149.179		
0259	Secondary	0+290.46	0+290.46	156.973	149.902	149.179	7.794	1.880	5.841	149.902	151.059	150.059
0260	Tertiary	0+291.26	0+291.26	157.207	149.877	148.842	8.365	2.035	6.266	149.179		
0261	Primary	0+292.06	0+292.06	156.840	149.851	149.625	7.215	1.215	5.486	149.851	150.840	149.840
0262	Tertiary	0+292.86	0+292.86	157.072	149.815	149.464	7.608	1.351	5.774	149.625		
0263	Secondary	0+293.66	0+293.66	156.994	149.818	149.746	7.248	1.148	5.522	149.818	150.894	149.894
0264	Tertiary	0+294.46	0+294.46	157.208	149.875	149.254	7.955	1.622	6.006	149.626		
0265	Primary	0+295.26	0+295.26	156.862	149.918	149.626	7.237	1.293	5.491	149.918		
0266	Tertiary	0+296.06	0+296.06	157.080	150.064	150.062	7.019	1.003	5.363	149.626		
0267	Secondary	0+296.86	0+296.86	156.975	150.029	149.754	7.221	1.275	5.481	150.029		
0268	Tertiary	0+297.66	0+297.66	157.236	150.068	149.857	7.379	1.211	5.615	149.754		
0269	Primary	0+298.46	0+298.46	156.960	150.262	150.568	6.392	0.694	4.917	150.262		

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0270	Tertiary	0+299.26	0+299.26	157.088	150.156	150.233	6.855	0.923	5.247	150.121		
0271	Secondary	0+300.06	0+300.06	157.016	150.123	150.121	6.895	1.002	5.266	150.123		
0272	Tertiary	0+300.86	0+300.86	157.120	150.074	149.855	7.265	1.219	5.524	149.939		
0273	Primary	0+301.66	0+301.66	156.933	149.940	149.939	6.994	0.924	5.355	149.940	150.863	149.863
0274	Tertiary	0+302.46	0+302.46	157.145	149.912	149.873	7.272	1.039	5.556	149.906		
0275	Secondary	0+303.26	0+303.26	157.022	149.906	149.922	7.100	0.984	5.430	149.906		
0276	Tertiary	0+304.06	0+304.06	157.274	149.908	149.737	7.537	1.171	5.745	149.906		
0277	Primary	0+304.86	0+304.86	156.980	149.996	149.926	7.054	1.274	5.350	149.996	151.200	150.200
0278	Tertiary	0+305.66	0+305.66	157.189	150.149	149.668	7.521	1.481	5.686	149.926		
0279	Secondary	0+306.46	0+306.46	157.085	150.420	150.476	6.609	0.944	5.050	150.420		
0280	Tertiary	0+307.26	0+307.26	157.284	150.488	150.238	7.047	1.251	5.348	150.420		
0281	Primary	0+308.06	0+308.06	157.057	150.677	150.512	6.545	1.145	4.970	150.677	151.657	150.657
0282	Tertiary	0+308.86	0+308.86	157.190	150.685	150.521	6.669	1.164	5.064	150.512		
0283	Secondary	0+309.66	0+309.66	157.122	150.744	150.712	6.411	1.311	4.839	150.744	152.022	151.022
0284	Tertiary	0+310.46	0+310.46	157.327	150.636	150.042	7.285	1.594	5.484	150.332		
0285	Primary	0+311.21	0+311.21	157.063	150.332	150.358	6.705	1.005	5.116	150.332	151.363	150.363
0286	Tertiary	0+311.96	0+311.96	157.473	150.110	149.235	8.238	1.875	6.190	149.772		
0287	Secondary	0+312.71	0+312.71	157.162	150.013	149.772	7.391	1.391	5.597	150.013	151.162	150.162
0288	Tertiary	0+313.46	0+313.46	157.298	149.932	148.513	8.785	2.419	6.539	149.746		
0289	Primary	0+314.21	0+314.21	157.098	149.746	149.774	7.324	0.924	5.615	149.746	150.698	149.698
0290	Tertiary	0+314.96	0+314.96	157.294	149.655	149.188	8.107	1.468	6.148	149.369		
0291	Secondary	0+315.71	0+315.71	157.214	149.500	149.369	7.845	1.245	5.976	149.500	150.614	149.614
0292	Tertiary	0+316.46	0+316.46	157.301	149.053	147.617	9.684	2.436	7.243	148.448		
0293	Primary	0+317.21	0+317.21	157.104	149.033	148.448	8.656	1.656	6.551	149.033	150.104	149.104
0294	Tertiary	0+317.96	0+317.96	157.312	148.111	148.035	9.278	1.076	7.126	148.386		
0295	Secondary	0+318.71	0+318.71	157.318	148.780	148.386	8.932	1.394	6.807	148.780		
0296	Tertiary	0+319.46	0+319.46	157.404	148.659	148.190	9.214	1.469	7.018	148.142		
0297	Primary	0+320.21	0+320.21	157.095	148.567	148.142	8.954	1.614	6.791	148.567	149.755	148.755
0298	Tertiary	0+320.96	0+320.96	157.487	148.433	147.370	10.117	2.063	7.638	147.610		
0299	Secondary	0+321.71	0+321.71	157.298	148.304	147.610	9.688	1.454	7.392	148.304	149.064	148.064
0300	Tertiary	0+322.46	0+322.46	157.524	148.218	147.152	10.372	2.066	7.838	147.610		
0301	Primary	0+323.21	0+323.21	157.108	148.070	147.892	9.216	1.166	7.064	148.070	149.058	148.058
0302	Tertiary	0+323.96	0+323.96	157.375	147.906	147.368	10.007	1.538	7.630	147.501		
0303	Secondary	0+324.71	0+324.71	157.273	147.688	147.501	9.773	1.188	7.498	147.688		
0304	Tertiary	0+325.46	0+325.46	157.450	147.689	146.992	10.458	1.697	7.961	147.114		
0305	Primary	0+326.21	0+326.21	157.095	147.628	147.114	9.981	1.471	7.620	147.628	148.585	147.585
0306	Tertiary	0+326.96	0+326.96	157.360	147.551	147.441	9.919	1.110	7.625	147.114		
0307	Secondary	0+327.71	0+327.71	157.245	147.545	147.367	9.878	1.178	7.583	147.545		
0308	Tertiary	0+328.46	0+328.46	157.452	147.413	146.703	10.749	1.710	8.187	146.871		
0309	Primary	0+329.21	0+329.21	157.078	147.158	146.871	10.207	1.807	7.747	147.158	148.678	147.678
0310	Tertiary	0+329.96	0+329.96	157.345	147.062	146.792	10.553	1.270	8.099	146.809		

0311	Secondary	0+330.71	0+330.71	157.265	147.026	146.809	10.456	1.217	8.031	147.026		
0312	Tertiary	0+331.46	0+331.46	157.458	146.868	146.253	11.206	1.615	8.560	146.668		
0313	Primary	0+332.21	0+332.21	157.077	146.712	146.668	10.409	1.009	8.025	146.712	147.677	146.677
0314	Tertiary	0+332.96	0+332.96	157.364	146.712	145.306	12.058	2.406	9.112	145.913		
0315	Secondary	0+333.71	0+333.71	157.215	146.031	145.913	11.303	1.119	8.710	146.031		
0316	Tertiary	0+334.46	0+334.46	157.493	146.678	145.567	11.927	2.111	9.052	145.763		
0317	Primary	0+335.21	0+335.21	157.081	146.642	145.763	11.318	0.468	8.819	146.642	146.231	145.231
0318	Tertiary	0+335.96	0+335.96	157.380	146.645	145.198	12.182	2.447	9.203	143.134		
0319	Secondary	0+336.71	0+336.71	157.221	146.618	143.134	14.087	3.587	10.529	146.618	146.721	145.721
0320	Tertiary	0+337.46	0+337.46	157.376	146.588	142.915	14.461	4.673	10.660	143.134		
0321	Primary	0+338.21	0+338.21	157.039	145.940	145.826	11.213	0.513	8.730	145.940	146.339	145.339
0322	Tertiary	0+338.96	0+338.96	157.582	145.940	143.243	14.339	3.697	10.710	144.139		
0323	Secondary	0+339.71	0+339.71	157.196	145.756	144.139	13.057	2.157	9.933	145.756	146.296	145.296
0324	Tertiary	0+340.46	0+340.46	157.576	145.756	144.014	13.562	2.742	10.242	144.139		
0325	Primary	0+341.21	0+341.21	157.045	145.915	145.824	11.221	1.221	8.631	145.915	147.045	146.045
0326	Tertiary	0+341.96	0+341.96	157.427	146.073	145.226	12.202	1.848	9.307	145.330		
0327	Secondary	0+342.71	0+342.71	157.280	145.996	145.330	11.950	1.450	9.169	145.996	146.780	145.780
0328	Tertiary	0+343.46	0+343.46	157.845	145.845	145.051	12.795	1.795	9.781	145.330		
0329	Primary	0+344.21	0+344.21	157.049	145.739	145.609	11.440	0.890	8.852	145.739	146.499	145.499
0330	Tertiary	0+344.96	0+344.96	157.449	145.743	143.951	13.498	2.792	10.185	144.041		
0331	Secondary	0+345.71	0+345.71	157.259	145.635	144.041	13.218	1.618	10.140	145.635	145.659	144.659
0332	Tertiary	0+346.46	0+346.46	157.362	145.519	144.559	12.803	1.960	9.763	144.041		
0333	Primary	0+347.21	0+347.21	157.076	145.477	145.359	11.717	1.007	9.052	145.477	146.366	145.366
0334	Tertiary	0+347.96	0+347.96	157.485	145.481	143.999	13.486	2.482	10.222	143.838		
0335	Secondary	0+348.71	0+348.71	157.267	145.482	143.838	13.429	1.513	10.321	145.482	145.351	144.351
0336	Tertiary	0+349.46	0+349.46	157.398	145.477	143.408	13.990	3.069	10.530	143.838		
0337	Primary	0+350.21	0+350.21	157.068	145.434	145.351	11.718	1.118	9.036	145.434	146.468	145.468
0338	Tertiary	0+350.96	0+350.96	157.515	145.367	145.029	12.486	1.338	9.607	145.233		
0339	Secondary	0+351.71	0+351.71	157.272	145.330	145.233	12.039	1.039	9.300	145.330	146.272	145.272
0340	Tertiary	0+352.46	0+352.46	157.594	145.300	144.768	12.826	1.532	9.845	145.088		
0341	Primary	0+353.21	0+353.21	157.600	145.292	145.088	12.512	1.842	9.552	145.292	146.930	145.930
0342	Tertiary	0+353.96	0+353.96	157.386	145.439	142.962	14.424	3.477	10.810	142.937		
0343	Secondary	0+354.71	0+354.71	157.073	145.965	142.937	14.136	1.136	10.933	145.965	144.073	143.073
0344	Tertiary	0+355.46	0+355.46	157.542	145.751	142.671	14.872	4.081	11.071	142.937		
0345	Primary	0+356.21	0+356.21	157.058	144.517	144.386	12.672	1.622	9.710	144.517	146.008	145.008
0346	Tertiary	0+356.96	0+356.96	157.397	143.691	142.047	15.351	2.644	11.662	142.161		
0347	Secondary	0+357.71	0+357.71	157.307	143.650	142.161	15.147	1.346	11.695	143.650	143.507	142.507
0348	Tertiary	0+358.46	0+358.46	157.412	143.371	141.447	15.965	2.924	12.102	141.585		
0349	Primary	0+359.21	0+359.21	157.054	143.144	141.585	15.469	1.469	11.930	143.144	143.054	142.054
0350	Tertiary	0+359.96	0+359.96	157.396	143.144	141.738	15.658	2.406	11.939	141.585		
0351	Secondary	0+360.71	0+360.71	157.291	142.942	142.325	14.966	1.566	11.521	142.942	143.891	142.891

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0352	Tertiary	0+361.46	0+361.46	157.387	142.738	142.275	15.112	1.463	11.651	142.325		
0353	Primary	0+362.21	0+362.21	157.011	142.682	142.530	14.481	1.031	11.219	142.682	143.561	142.561
0354	Tertiary	0+362.96	0+362.96	157.771	142.685	140.853	16.918	2.832	12.865	141.238		
0355	Secondary	0+363.71	0+363.71	157.218	142.651	141.238	15.981	1.180	12.375	142.651	142.418	141.418
0356	Tertiary	0+364.46	0+364.46	157.363	142.652	140.569	16.794	3.083	12.730	141.005		
0357	Primary	0+365.21	0+365.21	156.968	142.652	141.005	15.964	1.563	12.304	142.652	142.568	141.568
0358	Tertiary	0+365.96	0+365.96	157.444	142.663	140.417	17.027	3.246	12.889	140.588		
0359	Secondary	0+366.71	0+366.71	157.174	143.025	140.588	16.586	0.986	12.879	143.025	141.574	140.574
0360	Tertiary	0+367.46	0+367.46	157.433	143.221	139.438	17.996	4.783	13.420	139.414		
0361	Primary	0+368.21	0+368.21	156.960	143.205	139.414	17.546	1.416	13.569	143.205	140.830	139.830
0362	Tertiary	0+368.96	0+368.96	157.706	143.382	139.272	18.435	5.111	13.716	139.414		
0363	Secondary	0+369.71	0+369.71	157.357	144.093	139.694	17.663	1.163	13.699	144.093	140.857	139.857
0364	Tertiary	0+370.46	0+370.46	157.547	144.383	139.768	17.779	5.615	13.126	139.694		
0365	Primary	0+371.21	0+371.21	156.938	144.667	144.555	12.383	1.283	9.534	144.667	145.838	144.838
0366	Tertiary	0+371.96	0+371.96	157.633	145.715	144.309	13.324	2.406	10.106	144.555		
0367	Secondary	0+372.71	0+372.71	157.309	146.401	146.253	11.056	1.356	8.481	146.401	147.609	146.609
0368	Tertiary	0+373.46	0+373.46	157.454	146.430	145.499	11.955	1.931	9.101	146.253		
0369	Primary	0+374.21	0+374.21	157.125	146.754	146.658	10.467	1.367	8.017	146.754	148.025	147.025
0370	Tertiary	0+374.96	0+374.96	157.481	146.820	145.589	11.893	2.231	9.007	145.703		
0371	Secondary	0+375.71	0+375.71	157.280	146.866	145.703	11.577	1.277	8.902	146.866	146.980	145.980
0372	Tertiary	0+376.46	0+376.46	157.415	147.016	145.502	11.913	2.514	8.981	145.703		
0373	Primary	0+377.21	0+377.21	157.109	147.067	146.609	10.500	1.800	7.978	147.067	148.409	147.409
0374	Tertiary	0+377.96	0+377.96	157.603	147.067	146.723	10.881	1.344	8.345	146.445		
0374 b	Tertiary	0+377.96	0+377.96	157.261	147.067	146.983	10.279	1.084	7.911	146.723		
0375	Secondary	0+378.71	0+378.71	157.261	147.149	146.445	10.817	1.916	8.209	147.149	148.361	147.361
0376	Tertiary	0+379.46	0+379.46	157.552	147.361	146.960	10.593	1.401	8.110	146.445		
0377	Primary	0+380.21	0+380.21	157.082	147.306	147.151	9.931	1.331	7.601	147.306	148.482	147.482
0378	Tertiary	0+380.96	0+380.96	157.626	147.039	146.124	11.502	1.915	8.748	146.116		
0379	Secondary	0+381.71	0+381.71	157.227	146.963	146.116	11.112	1.611	8.487	146.963	147.727	146.727
0380	Tertiary	0+382.46	0+382.46	157.454	146.842	146.102	11.352	1.740	8.656	146.087		
0381	Primary	0+383.21	0+383.21	157.059	146.386	146.087	10.973	1.572	8.383	146.386	147.659	146.659
0382	Tertiary	0+383.96	0+383.96	157.651	146.056	144.465	13.186	2.591	9.970	145.016		
0383	Secondary	0+384.71	0+384.71	157.256	146.041	145.016	12.240	1.440	9.399	146.041	146.456	145.456
0384	Tertiary	0+385.46	0+385.46	157.601	146.040	144.898	12.704	2.142	9.658	145.016		
0385	Primary	0+386.21	0+386.21	157.054	146.129	145.210	11.844	1.544	9.072	146.129	146.754	145.754
0386	Tertiary	0+386.96	0+386.96	157.746	146.230	144.819	12.927	2.411	9.793	145.054		
0387	Secondary	0+387.71	0+387.71	157.279	146.322	145.054	12.225	1.675	9.352	146.322	146.729	145.729
0388	Tertiary	0+388.46	0+388.46	157.452	146.886	144.667	12.785	3.219	9.561	145.054		
0389	Primary	0+389.21	0+389.21	157.087	147.263	147.040	10.047	1.347	7.690	147.263	148.387	147.387
0390	Tertiary	0+389.96	0+389.96	157.493	147.227	146.713	10.781	1.515	8.241	146.246		

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0391	Secondary	0+390.71	0+390.71	157.264	147.101	146.246	11.018	1.718	8.397	147.101	147.964	146.964
0392	Tertiary	0+391.46	0+391.46	157.465	147.033	146.126	11.339	1.907	8.621	146.246		
0393	Primary	0+392.21	0+392.21	157.077	146.912	146.407	10.670	1.070	8.220	146.912	147.477	146.477
0394	Tertiary	0+392.96	0+392.96	157.503	146.832	146.246	11.258	1.587	8.605	146.407		
0395	Secondary	0+393.71	0+393.71	157.246	146.639	146.444	10.802	1.572	8.249	146.639	148.016	147.016
0396	Tertiary	0+394.46	0+394.46	157.383	146.540	145.891	11.492	1.649	8.780	146.153		
0397	Primary	0+395.21	0+395.21	157.036	146.499	146.153	10.884	1.384	8.341	146.499	147.536	146.536
0398	Tertiary	0+395.96	0+395.96	157.548	146.482	145.650	11.898	1.832	9.072	145.943		
0399	Secondary	0+396.71	0+396.71	157.204	146.496	145.943	11.262	1.872	8.566	146.496	147.814	146.814
0400	Tertiary	0+397.46	0+397.46	157.309	146.488	145.976	11.333	1.512	8.675	145.943		
0401	Primary	0+398.21	0+398.21	157.028	146.676	146.631	10.397	1.297	7.972	146.676	147.928	146.928
0402	Tertiary	0+398.96	0+398.96	157.457	146.963	146.645	10.812	1.318	8.295	146.631		
0403	Secondary	0+399.71	0+399.71	157.216	147.233	147.115	10.102	1.302	7.740	147.233	148.416	147.416
0404	Tertiary	0+400.46	0+400.46	157.342	147.088	145.965	11.377	2.123	8.619	146.259		
0405	Primary	0+401.21	0+401.21	157.007	146.937	146.259	10.748	1.848	8.166	146.937	148.107	147.107
0406	Tertiary	0+401.96	0+401.96	157.419	146.937	145.601	11.818	2.336	8.933	145.830		
0407	Secondary	0+402.71	0+402.71	157.175	146.350	145.830	11.345	1.645	8.665	146.350	147.475	146.475
0408	Tertiary	0+403.46	0+403.46	157.317	145.729	144.919	12.399	1.811	9.468	145.004		
0409	Primary	0+404.21	0+404.21	156.984	145.518	145.004	11.981	1.680	9.159	145.518	146.684	145.684
0410	Tertiary	0+404.96	0+404.96	157.384	145.537	144.805	12.579	1.732	9.621	145.004		
0411	Secondary	0+405.71	0+405.71	157.162	145.581	145.323	11.840	1.840	9.024	145.581	147.162	146.162
0412	Tertiary	0+406.46	0+406.46	157.241	145.789	144.328	12.913	2.461	9.775	144.627		
0413	Primary	0+407.21	0+407.21	156.890	145.884	144.627	12.263	1.363	9.428	145.884	145.990	144.990
0414	Tertiary	0+407.96	0+407.96	157.457	145.900	144.336	13.121	2.564	9.923	144.627		
0415	Secondary	0+408.71	0+408.71	157.120	146.432	146.106	11.014	2.204	8.321	146.432	148.310	147.310
0416	Tertiary	0+409.46	0+409.46	157.119	147.083	146.088	11.031	1.995	8.366	146.106		
0417	Primary	0+410.21	0+410.21	156.883	147.250	147.338	9.546	0.846	7.371	147.250	148.183	147.183
0418	Tertiary	0+410.96	0+410.96	157.456	147.323	146.305	11.151	2.018	8.457	146.477		
0419	Secondary	0+411.71	0+411.71	157.077	147.357	146.477	10.601	1.880	8.045	147.357		
0420	Tertiary	0+412.46	0+412.46	157.282	147.399	146.285	10.997	2.114	8.322	146.477		
0421	Primary	0+413.21	0+413.21	156.878	147.249	146.998	9.880	1.280	7.569	147.249	148.278	147.278
0422	Tertiary	0+413.96	0+413.96	157.285	147.167	146.764	10.522	1.403	8.054	146.998		
0423	Secondary	0+414.71	0+414.71	156.924	147.167	147.010	9.914	1.374	7.581	147.167	148.384	147.384
0424	Tertiary	0+415.46	0+415.46	157.186	147.171	146.684	10.503	1.487	8.027	146.846		
0425	Primary	0+416.21	0+416.21	156.968	147.191	146.846	10.122	1.345	7.749	147.191		
0426	Tertiary	0+416.96	0+416.96	157.331	147.327	146.809	10.522	1.518	8.038	146.846		
0427	Secondary	0+417.71	0+417.71	157.027	147.340	147.386	9.641	1.291	7.380	147.340	148.677	147.677
0428	Tertiary	0+418.46	0+418.46	157.256	147.303	146.563	10.693	1.740	8.139	147.078		
0429	Primary	0+419.21	0+419.21	156.953	147.375	147.078	9.875	1.297	7.562	147.375		
0430	Tertiary	0+419.96	0+419.96	157.408	147.389	146.835	10.573	1.554	8.072	147.078		
0431	Secondary	0+420.71	0+420.71	157.089	147.386	147.339	9.750	1.047	7.501	147.386		

0432	Tertiary	0+421.46	0+421.46	157.417	147.494	146.587	10.830	1.907	8.221	147.339		
0433	Primary	0+422.21	0+422.21	156.964	147.650	147.407	9.558	1.658	7.259	147.650	149.064	148.064
0434	Tertiary	0+422.96	0+422.96	157.372	147.652	147.066	10.307	1.586	7.858	147.444		
0435	Secondary	0+423.71	0+423.71	157.065	147.444	147.291	9.774	1.374	7.471	147.444	148.665	147.665
0436	Tertiary	0+424.46	0+424.46	157.364	147.411	146.933	10.432	1.479	7.972	147.411		
0437	Primary	0+425.21	0+425.21	156.958	147.411	147.325	9.633	1.243	7.380	147.411	148.568	147.568
0438	Tertiary	0+425.96	0+425.96	157.342	147.449	146.985	10.358	1.465	7.916	147.411		
0439	Secondary	0+426.71	0+426.71	157.041	147.622	147.391	9.650	1.350	7.378	147.622	148.741	147.741
0440	Tertiary	0+427.46	0+427.46	157.226	147.707	147.269	9.957	1.438	7.606	147.622		
0441	Primary	0+428.21	0+428.21	156.946	147.705	147.267	9.679	1.670	7.353	147.705	148.936	147.936
0442	Tertiary	0+428.96	0+428.96	157.353	147.727	147.288	10.065	1.439	7.690	147.267		
0443	Secondary	0+429.71	0+429.71	157.086	147.664	147.493	9.594	1.172	7.360	147.664		
0444	Tertiary	0+430.46	0+430.46	157.271	147.770	147.218	10.053	1.552	7.664	147.493		
0445	Primary	0+431.21	0+431.21	156.926	147.835	147.756	9.170	1.260	7.014	147.835	149.016	148.016
0446	Tertiary	0+431.96	0+431.96	157.304	147.909	147.345	9.959	1.564	7.588	147.835		
0447	Secondary	0+432.71	0+432.71	157.068	147.909	147.669	9.400	1.600	7.144	147.909	149.268	148.268
0448	Tertiary	0+433.46	0+433.46	157.188	147.947	147.513	9.675	1.434	7.385	147.909		
0449	Primary	0+434.21	0+434.21	156.959	147.950	147.791	9.169	1.259	7.013	147.950	149.049	148.049
0450	Tertiary	0+434.96	0+434.96	157.290	147.898	147.604	9.686	1.294	7.414	147.850		
0451	Secondary	0+435.71	0+435.71	157.079	147.850	147.707	9.372	1.472	7.141	147.850	149.179	148.179
0452	Tertiary	0+436.46	0+436.46	157.218	147.875	147.790	9.428	1.085	7.243	147.850		
0453	Primary	0+437.21	0+437.21	156.970	147.912	147.746	9.224	1.524	7.017	147.912	149.270	148.270
0454	Tertiary	0+437.96	0+437.96	157.311	148.035	147.524	9.787	1.511	7.461	147.912		
0455	Secondary	0+438.71	0+438.71	157.072	148.012	147.602	9.470	1.670	7.188	148.012	149.272	148.272
0456	Tertiary	0+439.46	0+439.46	157.426	148.011	147.508	9.918	1.503	7.566	148.004		
0457	Primary	0+440.21	0+440.21	156.934	148.046	147.908	9.026	1.096	6.925	148.046	149.004	148.004
0458	Tertiary	0+440.96	0+440.96	157.229	148.016	147.735	9.494	1.281	7.265	147.956		
0459	Secondary	0+441.71	0+441.71	157.021	147.956	147.853	9.168	1.468	6.981	147.956	149.321	148.321
0460	Tertiary	0+442.46	0+442.46	157.306	147.949	146.512	10.794	2.437	8.114	147.127		
0461	Primary	0+443.21	0+443.21	156.877	147.931	146.898	9.979	1.229	7.654	147.931	148.127	147.127
0462	Tertiary	0+443.96	0+443.96	157.251	147.931	146.447	10.805	2.485	8.115	146.898		
0463	Secondary	0+444.71	0+444.71	157.311	147.978	147.585	9.727	1.394	7.431	147.978		
0464	Tertiary	0+445.46	0+445.46	157.121	148.017	147.256	9.866	1.565	7.515	147.585	148.821	147.821
0465	Primary	0+446.21	0+446.21	156.877	148.059	148.070	8.807	0.857	6.789	148.059	148.927	147.927
0466	Tertiary	0+446.96	0+446.96	157.185	147.992	147.326	9.860	1.666	7.495	147.870		
0467	Secondary	0+447.71	0+447.71	156.929	147.991	147.870	9.060	1.122	6.948	147.991		
0468	Tertiary	0+448.46	0+448.46	157.118	147.988	147.394	9.724	1.424	7.425	147.732	148.818	147.818
0469	Primary	0+449.21	0+449.21	156.885	147.983	147.732	9.153	1.153	7.017	147.983	148.885	147.885
0470	Tertiary	0+449.96	0+449.96	157.394	147.966	146.408	10.986	2.558	8.247	147.288		
0471	Secondary	0+450.71	0+450.71	156.988	147.963	146.667	10.322	1.622	7.865	147.963	148.288	147.288
0472	Tertiary	0+451.46	0+451.46	157.333	147.959	146.394	10.939	2.565	8.209	147.288		

0473	Primary	0+452.21	0+452.21	156.910	147.965	147.621	9.289	1.189	7.118	147.965	148.810	147.810
0474	Tertiary	0+452.96	0+452.96	157.198	148.030	146.899	10.299	2.131	7.771	147.810		
0475	Secondary	0+453.71	0+453.71	157.013	148.034	147.853	9.160	1.660	6.946	148.034	149.513	148.513
0476	Tertiary	0+454.46	0+454.46	157.220	148.017	147.440	9.780	1.577	7.446	147.997		
0477	Primary	0+455.21	0+455.21	156.938	147.997	147.721	9.217	1.417	7.028	147.997	149.138	148.138
0478	Tertiary	0+455.96	0+455.96	157.284	148.008	147.429	9.855	1.579	7.505	147.995		
0479	Secondary	0+456.71	0+456.71	157.027	147.995	147.591	9.436	1.736	7.152	147.995	149.327	148.327
0480	Tertiary	0+457.46	0+457.46	157.169	148.004	147.379	9.790	1.625	7.446	147.995		
0481	Primary	0+458.21	0+458.21	156.945	148.067	147.747	9.199	1.699	6.971	148.067	149.445	148.445
0482	Tertiary	0+458.96	0+458.96	157.337	148.075	147.673	9.664	1.402	7.381	148.028		
0483	Secondary	0+459.71	0+459.71	157.123	148.028	147.958	9.165	1.265	7.009	148.028	149.223	148.223
0484	Tertiary	0+460.46	0+460.46	157.363	148.027	147.792	9.571	1.235	7.333	148.027		
0485	Primary	0+461.21	0+461.21	157.385	148.037	147.846	9.539	1.739	7.232	148.037	149.585	148.585
0486	Tertiary	0+461.96	0+461.96	157.347	148.087	147.568	9.779	1.519	7.454	148.037		
0487	Secondary	0+462.71	0+462.71	157.098	148.201	147.935	9.164	1.363	6.994	148.201	149.298	148.298
0488	Tertiary	0+463.46	0+463.46	157.541	148.277	147.742	9.799	1.535	7.467	148.201		
0489	Primary	0+464.21	0+464.21	157.287	148.281	147.819	9.468	1.968	7.142	148.281	149.787	148.787
0490	Tertiary	0+464.96	0+464.96	157.361	148.349	147.708	9.653	1.641	7.337	148.281		
0491	Secondary	0+465.71	0+465.71	157.073	148.426	148.283	8.791	1.091	6.741	148.426	149.373	148.373
0492	Tertiary	0+466.46	0+466.46	157.275	148.435	147.194	10.081	2.241	7.583	148.312		
0493	Primary	0+467.21	0+467.21	157.012	148.455	148.311	8.701	1.001	6.685	148.455	149.312	148.312
0494	Tertiary	0+467.96	0+467.96	157.338	148.491	148.125	9.213	1.366	7.032	148.312		
0495	Secondary	0+468.71	0+468.71	157.088	148.513	148.096	8.992	1.392	6.855	148.513	149.488	148.488
0496	Tertiary	0+469.46	0+469.46	157.348	148.526	147.712	9.636	1.814	7.297	148.457		
0497	Primary	0+470.21	0+470.21	157.057	148.542	148.384	8.673	1.073	6.652	148.542	149.457	148.457
0498	Tertiary	0+470.96	0+470.96	157.379	148.572	148.357	9.022	1.215	6.905	148.457		
0499	Secondary	0+471.71	0+471.71	157.129	148.571	148.564	8.565	1.065	6.568	148.571	149.629	148.629
0500	Tertiary	0+472.46	0+472.46	157.296	148.587	147.974	9.322	1.613	7.081	148.354		
0501	Primary	0+473.21	0+473.21	157.054	148.683	148.288	8.766	1.066	6.726	148.683	149.354	148.354
0502	Tertiary	0+473.96	0+473.96	157.000	148.638	148.021	8.979	1.617	6.811	148.354		
0503	Secondary	0+474.71	0+474.71	157.060	148.608	148.449	8.611	1.191	6.586	148.608	149.640	148.640
0504	Tertiary	0+475.46	0+475.46	157.454	148.608	147.714	9.741	1.894	7.368	148.517		
0505	Primary	0+476.21	0+476.21	157.017	148.589	148.205	8.812	1.312	6.725	148.589	149.517	148.517
0506	Tertiary	0+476.96	0+476.96	157.310	148.556	148.108	9.202	1.449	7.012	148.517		
0507	Secondary	0+477.71	0+477.71	157.160	148.531	148.117	9.043	1.443	6.887	148.531	149.560	148.560
0508	Tertiary	0+478.46	0+478.46	157.334	148.541	147.655	9.679	1.886	7.321	148.531		
0509	Primary	0+479.21	0+479.21	156.989	148.541	148.356	8.634	1.434	6.567	148.541	149.789	148.789
0510	Tertiary	0+479.96	0+479.96	157.340	148.620	148.075	9.265	1.545	7.046	148.541		
0511	Secondary	0+480.71	0+480.71	157.171	148.695	148.176	8.995	1.495	6.842	148.695	149.671	148.671
0512	Tertiary	0+481.46	0+481.46	157.254	148.658	147.779	9.476	1.880	7.162	148.619		
0513	Primary	0+482.21	0+482.21	157.014	148.619	148.355	8.660	1.360	6.598	148.619	149.714	148.714

0514	Tertiary	0+482.96	0+482.96	157.289	148.616	148.266	9.023	1.350	6.885	148.616		
0515	Secondary	0+483.71	0+483.71	157.143	148.621	148.214	8.929	1.929	6.725	148.621	150.143	149.143
0516	Tertiary	0+484.46	0+484.46	157.242	148.641	147.968	9.274	1.673	7.034	148.621		
0517	Primary	0+485.21	0+485.21	156.987	148.666	148.414	8.573	1.473	6.513	148.666	149.887	148.887
0518	Tertiary	0+485.96	0+485.96	157.278	148.771	148.031	9.248	1.741	7.003	148.622		
0519	Secondary	0+486.71	0+486.71	157.160	148.622	148.184	8.976	1.576	6.814	148.622	149.760	148.760
0520	Tertiary	0+487.46	0+487.46	157.280	148.610	147.990	9.290	1.620	7.055	148.597		
0521	Primary	0+488.21	0+488.21	156.949	148.597	148.318	8.631	1.531	6.550	148.597	149.849	148.849
0522	Tertiary	0+488.96	0+488.96	157.347	148.591	147.812	9.535	1.779	7.223	148.364		
0523	Secondary	0+489.71	0+489.71	157.064	148.590	148.030	9.034	1.334	6.896	148.590	149.364	148.364
0524	Tertiary	0+490.46	0+490.46	157.390	148.595	147.647	9.743	1.949	7.362	148.364		
0525	Primary	0+491.21	0+491.21	156.949	148.594	148.460	8.489	0.989	6.520	148.594	149.449	148.449
0526	Tertiary	0+491.96	0+491.96	157.323	148.620	148.130	9.194	1.491	6.998	148.449		
0527	Secondary	0+492.71	0+492.71	157.064	148.639	148.118	8.947	1.547	6.796	148.639	149.664	148.664
0528	Tertiary	0+493.46	0+493.46	157.286	148.662	148.046	9.241	1.617	7.016	148.436		
0529	Primary	0+494.21	0+494.21	156.936	148.660	148.521	8.415	0.915	6.472	148.660	149.436	148.436
0530	Tertiary	0+494.96	0+494.96	157.366	148.662	147.924	9.442	1.738	7.156	148.366		
0531	Secondary	0+495.71	0+495.71	157.066	148.659	148.169	8.897	1.197	6.809	148.659	149.366	148.366
0532	Tertiary	0+496.46	0+496.46	157.348	148.603	147.184	10.165	2.420	7.622	147.794		
0533	Primary	0+497.21	0+497.21	156.994	148.579	147.499	9.496	1.296	7.264	148.579	148.794	147.794
0534	Tertiary	0+497.96	0+497.96	157.327	148.565	147.656	9.671	1.909	7.311	147.794		
0535	Secondary	0+498.71	0+498.71	157.055	148.550	148.156	8.899	1.599	6.751	148.550	149.755	148.755
0536	Tertiary	0+499.46	0+499.46	157.417	148.505	147.638	9.779	1.867	7.402	148.065		
0537	Primary	0+500.21	0+500.21	156.965	148.503	148.057	8.909	1.009	6.846	148.503	149.065	148.065
0538	Tertiary	0+500.96	0+500.96	157.353	148.506	147.566	9.787	1.940	7.397	147.765		
0539	Secondary	0+501.71	0+501.71	157.115	148.529	147.530	9.585	1.235	7.344	148.529	148.765	147.765
0540	Tertiary	0+502.46	0+502.46	157.374	148.603	147.237	10.138	2.367	7.609	147.765		
0541	Primary	0+503.21	0+503.21	156.989	148.652	148.161	8.828	1.328	6.736	148.652	149.489	148.489
0542	Tertiary	0+503.96	0+503.96	157.358	148.667	148.094	9.264	1.573	7.041	148.318		
0543	Secondary	0+504.71	0+504.71	157.118	148.659	147.480	9.638	1.838	7.296	148.659	149.318	148.318
0544	Tertiary	0+505.46	0+505.46	157.309	148.659	147.169	10.141	2.491	7.593	148.318		
0545	Primary	0+506.21	0+506.21	156.939	148.660	147.592	9.347	1.987	7.045	148.660	149.579	148.579
0546	Tertiary	0+506.96	0+506.96	157.269	148.667	148.268	9.001	1.399	6.861	148.579		
0547	Secondary	0+507.71	0+507.71	157.094	148.697	147.577	9.517	2.317	7.129	148.697	149.894	148.894
0548	Tertiary	0+508.46	0+508.46	157.325	148.708	148.266	9.059	1.442	6.900	148.172		
0549	Primary	0+509.21	0+509.21	156.872	148.648	147.701	9.171	1.471	6.984	148.648	149.172	148.172
0550	Tertiary	0+509.96	0+509.96	157.245	148.628	148.055	9.190	1.573	6.983	148.172		
0551	Secondary	0+510.71	0+510.71	157.089	148.623	147.535	9.554	1.744	7.244	148.623	149.279	148.279
0552	Tertiary	0+511.46	0+511.46	157.324	148.627	147.537	9.787	2.090	7.375	147.682		
0553	Primary	0+512.21	0+512.21	156.882	148.652	147.588	9.294	1.094	7.136	148.652	148.682	147.682
0554	Tertiary	0+512.96	0+512.96	157.286	148.682	147.672	9.614	2.010	7.251	147.682		

0555	Secondary	0+513.71	0+513.71	157.121	148.642	147.368	9.754	1.854	7.384	148.642	149.221	148.221
0556	Tertiary	0+514.46	0+514.46	157.344	148.666	147.818	9.526	1.848	7.206	147.831		
0557	Primary	0+515.21	0+515.21	156.931	148.648	147.520	9.411	1.311	7.196	148.648	148.831	147.831
0558	Tertiary	0+515.96	0+515.96	157.275	148.723	147.768	9.507	1.956	7.175	147.831		
0559	Secondary	0+516.71	0+516.71	157.094	148.705	147.530	9.564	2.044	7.207	148.705	149.574	148.574
0560	Tertiary	0+517.46	0+517.46	157.417	148.654	148.175	9.242	1.479	7.038	148.551		
0561	Primary	0+518.21	0+518.21	156.976	148.551	147.191	9.785	2.485	7.315	148.551	149.676	148.676
0562	Tertiary	0+518.96	0+518.96	157.249	148.516	148.024	9.225	1.492	7.023	148.124		
0563	Secondary	0+519.71	0+519.71	157.104	148.517	147.520	9.584	1.604	7.288	148.517	149.124	148.124
0564	Tertiary	0+520.46	0+520.46	157.397	148.527	147.765	9.632	1.762	7.302	148.124		
0565	Primary	0+521.21	0+521.21	157.014	148.564	147.475	9.539	2.239	7.158	148.564	149.714	148.714
0566	Tertiary	0+521.96	0+521.96	157.305	148.604	148.072	9.233	1.532	7.023	148.564		
0567	Secondary	0+522.71	0+522.71	157.228	148.585	148.212	9.016	1.416	6.870	148.585	149.628	148.628
0568	Tertiary	0+523.46	0+523.46	157.382	148.552	147.921	9.461	1.631	7.187	148.307		
0569	Primary	0+524.21	0+524.21	157.037	148.531	147.518	9.519	1.789	7.209	148.531	149.307	148.307
0570	Tertiary	0+524.96	0+524.96	157.311	148.521	148.003	9.308	1.518	7.084	148.307		
0571	Secondary	0+525.71	0+525.71	157.166	148.521	148.479	8.687	1.087	6.661	148.521	149.566	148.566
0572	Tertiary	0+526.46	0+526.46	157.386	148.523	148.143	9.243	1.380	7.053	148.177		
0573	Primary	0+527.21	0+527.21	157.027	148.545	147.268	9.759	1.909	7.380	148.545	149.177	148.177
0574	Tertiary	0+527.96	0+527.96	157.336	148.520	147.639	9.698	1.882	7.336	148.177		
0575	Secondary	0+528.71	0+528.71	157.167	148.521	148.349	8.819	1.319	6.729	148.521	149.667	148.667
0576	Tertiary	0+529.46	0+529.46	157.430	148.516	147.776	9.654	1.740	7.323	148.186		
0577	Primary	0+530.21	0+530.21	157.026	148.532	147.555	9.471	1.631	7.195	148.532	149.186	148.186
0578	Tertiary	0+530.96	0+530.96	157.334	148.539	147.873	9.462	1.666	7.182	148.186		
0579	Secondary	0+531.71	0+531.71	157.314	148.570	148.528	8.786	1.087	6.739	148.570	149.614	148.614
0580	Tertiary	0+532.46	0+532.46	157.478	148.580	148.294	9.184	1.286	7.021	148.488		
0581	Primary	0+533.21	0+533.21	157.088	148.585	147.586	9.503	1.903	7.179	148.585	149.488	148.488
0582	Tertiary	0+533.96	0+533.96	157.338	148.590	147.979	9.359	1.611	7.110	148.488		
0583	Secondary	0+534.71	0+534.71	157.224	148.585	148.495	8.729	0.999	6.707	148.585	149.494	148.494
0584	Tertiary	0+535.46	0+535.46	157.441	148.585	148.094	9.347	1.491	7.119	148.326		
0585	Primary	0+536.21	0+536.21	157.126	148.529	148.228	8.898	1.098	6.825	148.529	149.326	148.326
0586	Tertiary	0+536.96	0+536.96	157.326	148.436	147.871	9.455	1.565	7.192	148.326		
0587	Secondary	0+537.71	0+537.71	157.250	148.430	148.255	8.995	1.495	6.842	148.430	149.750	148.750
0588	Tertiary	0+538.46	0+538.46	157.400	148.437	148.359	9.041	1.078	6.940	148.317		
0589	Primary	0+539.21	0+539.21	157.117	148.394	148.335	8.782	0.982	6.751	148.394	149.317	148.317
0590	Tertiary	0+539.96	0+539.96	157.303	148.372	147.652	9.651	1.720	7.323	148.207		
0591	Secondary	0+540.71	0+540.71	157.247	148.370	147.963	9.284	1.244	7.106	148.370	149.207	148.207
0592	Tertiary	0+541.46	0+541.46	157.394	148.390	147.505	9.889	1.885	7.486	148.207		
0593	Primary	0+542.21	0+542.21	157.102	148.434	147.093	10.009	2.249	7.526	148.434	149.342	148.342
0594	Tertiary	0+542.96	0+542.96	157.308	148.521	147.737	9.571	1.784	7.251	148.342		
0595	Secondary	0+543.71	0+543.71	157.185	148.496	148.270	8.915	1.215	6.821	148.496	149.485	148.485

0596	Tertiary	0+544.46	0+544.46	157.398	148.513	148.321	9.077	1.192	6.951	148.447		
0597	Primary	0+545.21	0+545.21	157.077	148.539	147.421	9.656	2.027	7.282	148.539	149.447	148.447
0598	Tertiary	0+545.96	0+545.96	157.295	148.515	147.556	9.739	1.959	7.357	148.258		
0599	Secondary	0+546.71	0+546.71	157.158	148.447	148.253	8.905	1.005	6.844	148.447	149.258	148.258
0600	Tertiary	0+547.46	0+547.46	157.437	148.417	148.074	9.363	1.343	7.153	148.258		
0601	Primary	0+548.21	0+548.21	157.061	148.416	147.165	9.896	2.296	7.430	148.416	149.461	148.461
0602	Tertiary	0+548.96	0+548.96	157.335	148.419	147.737	9.598	1.682	7.287	148.215		
0603	Secondary	0+549.71	0+549.71	157.215	148.470	148.191	9.024	1.024	6.935	148.470	149.215	148.215
0604	Tertiary	0+550.46	0+550.46	157.414	148.534	148.150	9.264	1.384	7.070	148.127		
0605	Primary	0+551.21	0+551.21	157.097	148.521	147.307	9.790	1.820	7.418	148.521	149.127	148.127
0606	Tertiary	0+551.96	0+551.96	157.355	148.481	147.700	9.655	1.781	7.318	148.127		
0607	Secondary	0+552.71	0+552.71	157.276	148.473	148.172	9.104	1.204	6.971	148.473	149.376	148.376
0608	Tertiary	0+553.46	0+553.46	157.497	148.457	147.890	9.607	1.567	7.312	148.376		
0609	Primary	0+554.21	0+554.21	157.118	148.436	147.126	9.993	2.693	7.446	148.436	149.818	148.818
0610	Tertiary	0+554.96	0+554.96	157.423	148.379	147.655	9.768	1.724	7.414	148.083		
0611	Secondary	0+555.71	0+555.71	157.283	148.375	147.942	9.341	1.141	7.167	148.375	149.083	148.083
0612	Tertiary	0+556.46	0+556.46	157.499	148.375	147.763	9.736	1.612	7.406	148.083		
0613	Primary	0+557.21	0+557.21	157.173	148.384	147.254	9.919	2.269	7.452	148.384	149.523	148.523
0614	Tertiary	0+557.96	0+557.96	157.486	148.366	148.132	9.354	1.234	7.163	148.366		
0615	Secondary	0+558.71	0+558.71	157.319	148.395	148.366	8.954	1.254	6.845	148.395	149.619	148.619
0616	Tertiary	0+559.46	0+559.46	157.549	148.486	147.880	9.669	1.606	7.355	148.395		
0617	Primary	0+560.21	0+560.21	157.219	148.638	147.349	9.870	2.220	7.421	148.638	149.569	148.569
0618	Tertiary	0+560.96	0+560.96	157.532	148.715	148.367	9.165	1.348	6.997	148.485		
0619	Secondary	0+561.71	0+561.71	157.385	148.669	148.216	9.169	1.269	7.012	148.669	149.485	148.485
0620	Tertiary	0+562.46	0+562.46	157.630	148.651	148.078	9.553	1.574	7.268	148.485		
0621	Primary	0+563.21	0+563.21	157.257	148.644	147.353	9.904	2.304	7.435	148.644	149.657	148.657
0622	Tertiary	0+563.96	0+563.96	157.534	148.615	148.145	9.389	1.470	7.155	148.260		
0623	Secondary	0+564.71	0+564.71	157.350	148.597	148.101	9.249	1.159	7.091	148.597	149.260	148.260
0624	Tertiary	0+565.46	0+565.46	157.719	148.596	147.716	10.004	1.881	7.576	148.072		
0625	Primary	0+566.21	0+566.21	157.272	148.531	147.362	9.910	1.710	7.528	148.531	149.072	148.072
0626	Tertiary	0+566.96	0+566.96	157.514	148.414	147.451	10.063	1.963	7.611	148.072		
0627	Secondary	0+567.71	0+567.71	157.369	148.410	148.047	9.322	1.492	7.099	148.410	149.539	148.539
0628	Tertiary	0+568.46	0+568.46	157.783	148.372	147.625	10.158	1.747	7.717	147.986		
0629	Primary	0+569.21	0+569.21	157.256	148.323	147.145	10.112	1.842	7.667	148.323	148.986	147.986
0630	Tertiary	0+569.96	0+569.96	157.525	148.296	147.848	9.677	1.448	7.384	147.986		
0631	Secondary	0+570.71	0+570.71	157.357	148.295	148.070	9.288	1.588	7.058	148.295	149.657	148.657
0632	Tertiary	0+571.46	0+571.46	157.674	148.295	147.361	10.313	1.934	7.811	147.832		
0633	Primary	0+572.21	0+572.21	157.282	148.376	147.206	10.076	1.626	7.671	148.376	148.832	147.832
0634	Tertiary	0+572.96	0+572.96	157.453	148.431	146.991	10.462	2.440	7.853	147.832		
0635	Secondary	0+573.71	0+573.71	157.336	148.247	147.973	9.363	1.783	7.088	148.247	149.756	148.756
0636	Tertiary	0+574.46	0+574.46	157.661	148.095	146.788	10.874	2.307	8.196	147.025		

0637	Primary	0+575.21	0+575.21	157.225	148.045	146.835	10.390	1.190	7.983	148.045	148.025	147.025
0638	Tertiary	0+575.96	0+575.96	157.490	147.890	147.116	10.375	1.774	7.883	147.025		
0639	Secondary	0+576.71	0+576.71	157.383	147.820	147.440	9.943	1.443	7.594	147.820	148.883	147.883
0640	Tertiary	0+577.46	0+577.46	157.595	147.818	147.442	10.153	1.376	7.769	147.818		
0641	Primary	0+578.21	0+578.21	157.224	147.834	147.515	9.709	1.639	7.381	147.834	149.154	148.154
0642	Tertiary	0+578.96	0+578.96	157.453	147.878	147.187	10.266	1.691	7.810	147.616		
0643	Secondary	0+579.71	0+579.71	157.316	147.895	147.208	10.108	1.408	7.729	147.895	148.616	147.616
0644	Tertiary	0+580.46	0+580.46	157.575	147.890	147.312	10.264	1.578	7.825	147.616		
0645	Primary	0+581.21	0+581.21	157.172	147.856	147.624	9.548	1.738	7.240	147.856	149.362	148.362
0646	Tertiary	0+581.96	0+581.96	157.498	147.840	147.690	9.809	1.151	7.532	147.832		
0647	Secondary	0+582.71	0+582.71	157.311	147.832	147.556	9.755	1.305	7.467	147.832	148.861	147.861
0648	Tertiary	0+583.46	0+583.46	157.552	147.840	147.244	10.309	1.596	7.858	147.816		
0649	Primary	0+584.21	0+584.21	157.132	147.816	147.662	9.470	1.560	7.205	147.816	149.222	148.222
0650	Tertiary	0+584.96	0+584.96	157.475	147.854	146.983	10.492	1.871	7.961	147.050		
0651	Secondary	0+585.71	0+585.71	157.350	147.747	147.076	10.274	0.974	7.924	147.747	148.050	147.050
0652	Tertiary	0+586.46	0+586.46	157.647	147.706	147.069	10.579	1.637	8.064	147.050		
0653	Primary	0+587.21	0+587.21	157.196	147.705	146.924	10.272	1.722	7.811	147.705	148.646	147.646
0654	Tertiary	0+587.96	0+587.96	157.549	147.706	147.012	10.538	1.695	8.023	147.599		
0655	Secondary	0+588.71	0+588.71	157.299	147.708	147.500	9.799	1.099	7.532	147.708	148.599	147.599
0656	Tertiary	0+589.46	0+589.46	157.468	147.712	147.252	10.216	1.460	7.806	147.599		
0657	Primary	0+590.21	0+590.21	157.111	147.698	147.346	9.766	1.386	7.463	147.698	148.731	147.731
0658	Tertiary	0+590.96	0+590.96	157.426	147.519	147.035	10.391	1.484	7.940	146.979		
0659	Secondary	0+591.71	0+591.71	157.279	147.538	146.926	10.353	1.053	7.974	147.538	147.979	146.979
0660	Tertiary	0+592.46	0+592.46	157.454	147.538	146.895	10.559	1.643	8.048	146.979		
0661	Primary	0+593.21	0+593.21	157.074	147.453	146.926	10.148	1.548	7.739	147.453	148.474	147.474
0662	Tertiary	0+593.96	0+593.96	157.407	147.334	147.021	10.387	1.314	7.962	147.164		
0663	Secondary	0+594.71	0+594.71	157.193	147.164	147.104	10.090	1.090	7.762	147.164	148.193	147.193
0664	Tertiary	0+595.46	0+595.46	157.650	147.150	146.389	11.261	1.761	8.582	146.696		
0665	Primary	0+596.21	0+596.21	156.996	147.144	146.339	10.657	1.357	8.168	147.144	147.696	146.696
0666	Tertiary	0+596.96	0+596.96	157.352	147.147	145.918	11.434	2.229	8.648	146.696		
0667	Secondary	0+597.71	0+597.71	157.131	147.162	146.665	10.466	1.066	8.061	147.162	147.731	146.731
0668	Tertiary	0+598.46	0+598.46	157.621	147.172	146.473	11.148	1.699	8.502	146.731		
0668 b	Tertiary	0+598.47	0+598.47	157.777	147.172	145.301	12.476	2.871	9.370	146.731		
0669	Primary	0+599.21	0+599.21	156.956	147.121	146.464	10.492	2.142	7.921	147.121	148.606	147.606
0670	Tertiary	0+599.96	0+599.96	157.325	147.000	144.438	12.887	3.562	9.590	146.288		
0671	Secondary	0+600.71	0+600.71	157.088	146.725	145.943	11.146	1.345	8.553	146.725	147.288	146.288
0672	Tertiary	0+601.46	0+601.46	157.548	146.685	145.794	11.754	1.891	8.950	146.288		
0673	Primary	0+602.21	0+602.21	156.911	146.356	146.110	10.802	1.302	8.289	146.356	147.411	146.411
0674	Tertiary	0+602.96	0+602.96	157.329	146.070	145.914	11.416	1.156	8.793	146.063		
0675	Secondary	0+603.71	0+603.71	157.063	146.077	145.851	11.213	1.212	8.625	146.077	147.063	146.063

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0676	Tertiary	0+604.46	0+604.46	157.523	145.985	145.864	11.659	1.121	8.990	145.946		
0677	Primary	0+605.21	0+605.21	156.947	145.946	145.552	11.395	1.395	8.741	145.946	146.947	145.947
0678	Tertiary	0+605.96	0+605.96	157.299	145.915	145.515	11.784	1.400	9.046	145.738		
0678 b	Quaternary	0+607.00	0+607.00	157.000	146.915	145.748	11.253	2.167	8.514	145.915		
0679	Secondary	0+606.71	0+606.71	157.038	145.901	145.693	11.345	1.045	8.754	145.901	146.738	145.738
0680	Tertiary	0+607.46	0+607.46	157.636	145.960	145.742	11.894	1.218	9.160	145.738		
0681	Primary	0+608.21	0+608.21	156.889	145.966	145.672	11.217	1.427	8.597	145.966	147.099	146.099
0682	Tertiary	0+608.96	0+608.96	157.241	145.966	145.746	11.495	1.220	8.846	145.966		
0683	Secondary	0+609.71	0+609.71	156.942	146.167	145.602	11.341	1.641	8.662	146.167	147.242	146.242
0684	Tertiary	0+610.46	0+610.46	157.447	146.165	145.935	11.512	1.230	8.858	146.165		
0685	Primary	0+611.21	0+611.21	156.890	146.234	145.756	11.134	2.734	8.337	146.234	148.490	147.490
0686	Tertiary	0+611.96	0+611.96	157.202	146.322	146.090	11.112	1.232	8.544	146.234		
0687	Secondary	0+612.71	0+612.71	156.969	146.658	146.678	10.291	1.091	7.920	146.658	147.769	146.769
0688	Tertiary	0+613.46	0+613.46	157.398	146.675	146.624	10.774	1.051	8.305	146.658		
0689	Primary	0+614.21	0+614.21	156.915	146.821	146.577	10.339	1.188	7.943	146.821	147.765	146.765
0690	Tertiary	0+614.96	0+614.96	157.258	146.923	146.732	10.526	1.191	8.089	146.765		
0691	Secondary	0+615.71	0+615.71	157.025	146.959	146.804	10.221	1.221	7.846	146.959	148.025	147.025
0692	Tertiary	0+616.46	0+616.46	157.417	146.973	146.827	10.590	1.146	8.147	146.936		
0693	Primary	0+617.21	0+617.21	156.936	146.965	146.785	10.151	1.151	7.801	146.965	147.936	146.936
0694	Tertiary	0+617.96	0+617.96	157.281	146.928	146.813	10.468	1.115	8.055	146.886		
0695	Secondary	0+618.71	0+618.71	157.019	146.886	146.839	10.181	1.180	7.820	146.886	148.019	147.019
0696	Tertiary	0+619.46	0+619.46	157.461	146.856	146.627	10.834	1.229	8.325	146.824		
0697	Primary	0+620.21	0+620.21	156.942	146.824	146.647	10.295	1.295	7.892	146.824	147.942	146.942
0698	Tertiary	0+620.96	0+620.96	157.288	146.671	146.298	10.990	1.373	8.427	146.551		
0699	Secondary	0+621.71	0+621.71	157.142	146.551	146.384	10.758	1.258	8.262	146.551	147.642	146.642
0700	Tertiary	0+622.46	0+622.46	157.445	146.551	146.192	11.253	1.359	8.635	146.334		
0701	Primary	0+623.21	0+623.21	156.934	146.513	146.290	10.644	1.044	8.204	146.513	147.334	146.334
0702	Tertiary	0+623.96	0+623.96	157.289	146.490	146.139	11.150	1.351	8.555	146.334		
0703	Secondary	0+624.71	0+624.71	157.171	146.477	146.212	10.960	1.459	8.390	146.477	147.671	146.671
0704	Tertiary	0+625.46	0+625.46	157.454	146.450	145.824	11.631	1.627	8.892	146.142		
0705	Primary	0+626.21	0+626.21	156.942	146.501	145.956	10.986	1.186	8.451	146.501	147.142	146.142
0706	Tertiary	0+626.96	0+626.96	157.427	146.500	145.959	11.468	1.541	8.777	146.142		
0707	Secondary	0+627.71	0+627.71	157.173	146.485	146.466	10.707	1.107	8.244	146.485	147.573	146.573
0708	Tertiary	0+628.46	0+628.46	157.546	146.471	144.500	13.046	2.971	9.803	146.471		
0709	Primary	0+629.21	0+629.21	156.977	146.577	146.295	10.682	1.432	8.176	146.577	147.727	146.727
0710	Tertiary	0+629.96	0+629.96	157.425	146.672	146.362	11.063	1.310	8.494	146.577		
0711	Secondary	0+630.71	0+630.71	157.198	146.625	146.380	10.818	1.668	8.248	146.625	148.048	147.048
0712	Tertiary	0+631.46	0+631.46	157.521	146.511	144.925	12.596	2.586	9.507	146.478		
0713	Primary	0+632.21	0+632.21	156.978	146.527	146.160	10.818	1.318	8.300	146.527	147.478	146.478
0714	Tertiary	0+632.96	0+632.96	157.404	146.525	146.076	11.328	1.449	8.681	146.478		

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0715	Secondary	0+633.71	0+633.71	157.197	146.587	146.238	10.959	1.429	8.394	146.587	147.667	146.667
0716	Tertiary	0+634.46	0+634.46	157.554	146.653	146.422	11.133	1.232	8.560	146.587		
0717	Primary	0+635.21	0+635.21	156.945	146.694	146.499	10.446	1.846	7.929	146.694	148.345	147.345
0718	Tertiary	0+635.96	0+635.96	157.337	146.781	146.450	10.887	1.331	8.352	146.694		
0719	Secondary	0+636.71	0+636.71	157.117	146.800	146.755	10.362	1.362	7.935	146.800	148.117	147.117
0720	Tertiary	0+637.46	0+637.46	157.504	146.996	144.201	13.303	3.795	9.882	146.800		
0721	Primary	0+638.21	0+638.21	156.934	147.095	147.085	9.849	1.649	7.489	147.095	148.734	147.734
0722	Tertiary	0+638.96	0+638.96	157.311	147.124	146.583	10.728	1.541	8.196	147.095		
0723	Secondary	0+639.71	0+639.71	157.078	147.252	147.173	9.905	1.206	7.600	147.252	148.378	147.378
0724	Tertiary	0+640.46	0+640.46	157.393	147.220	146.802	10.591	1.418	8.107	147.212		
0725	Primary	0+641.21	0+641.21	156.951	147.212	147.198	9.753	1.753	7.398	147.212	148.951	147.951
0726	Tertiary	0+641.96	0+641.96	157.314	147.209	146.669	10.645	1.540	8.131	147.176		
0727	Secondary	0+642.71	0+642.71	157.179	147.176	146.977	10.202	1.342	7.812	147.176	148.319	147.319
0728	Tertiary	0+643.46	0+643.46	157.427	147.096	147.075	10.353	1.022	7.978	147.052		
0729	Primary	0+644.21	0+644.21	156.957	147.052	146.951	10.006	1.206	7.679	147.052	148.157	147.157
0730	Tertiary	0+644.96	0+644.96	157.326	147.046	146.788	10.538	1.258	8.089	146.975		
0731	Secondary	0+645.71	0+645.71	157.221	146.975	146.702	10.520	1.720	8.005	146.975	148.421	147.421
0732	Tertiary	0+646.46	0+646.46	157.436	146.895	146.828	10.608	1.067	8.172	146.887		
0733	Primary	0+647.21	0+647.21	156.938	146.887	146.770	10.168	1.228	7.803	146.887	147.998	146.998
0734	Tertiary	0+647.96	0+647.96	157.415	146.881	146.453	10.962	1.428	8.397	146.849		
0735	Secondary	0+648.71	0+648.71	157.161	146.849	146.661	10.501	1.600	8.008	146.849	148.261	147.261
0736	Tertiary	0+649.46	0+649.46	157.460	146.837	146.613	10.848	1.224	8.337	146.837		
0737	Primary	0+650.21	0+650.21	156.931	146.841	146.544	10.388	1.688	7.907	146.841	148.231	147.231
0738	Tertiary	0+650.96	0+650.96	157.411	146.816	146.253	11.158	1.563	8.530	146.778		
0739	Secondary	0+651.71	0+651.71	157.270	146.778	146.490	10.781	1.780	8.201	146.778	148.270	147.270
0740	Tertiary	0+652.46	0+652.46	157.499	146.779	146.412	11.087	1.367	8.504	146.680		
0741	Primary	0+653.21	0+653.21	156.973	146.680	146.725	10.248	1.148	7.877	146.680	147.873	146.873
0742	Tertiary	0+653.96	0+653.96	157.453	146.568	146.626	10.827	0.942	8.363	146.568		
0743	Secondary	0+654.71	0+654.71	157.392	146.592	146.221	11.171	1.841	8.499	146.592	148.062	147.062
0744	Tertiary	0+655.46	0+655.46	157.505	146.597	146.177	11.329	1.421	8.685	146.592		
0745	Primary	0+656.21	0+656.21	156.947	146.717	146.680	10.267	1.367	7.860	146.717	148.047	147.047
0746	Tertiary	0+656.96	0+656.96	157.495	147.027	146.461	11.034	1.566	8.432	146.717		
0747	Secondary	0+657.71	0+657.71	157.366	147.189	147.024	10.342	1.542	7.893	147.189	148.566	147.566
0748	Tertiary	0+658.46	0+658.46	157.484	147.133	146.841	10.643	1.292	8.166	147.133		
0749	Primary	0+659.21	0+659.21	156.961	147.134	147.023	9.939	1.239	7.621	147.134	148.261	147.261
0750	Tertiary	0+659.96	0+659.96	157.520	147.228	146.767	10.753	1.461	8.227	147.134		
0751	Secondary	0+660.71	0+660.71	157.215	147.225	146.976	10.239	1.239	7.857	147.225	148.215	147.215
0752	Tertiary	0+661.46	0+661.46	157.558	147.225	147.082	10.476	1.143	8.057	147.104		
0753	Primary	0+662.21	0+662.21	156.804	147.394	147.132	9.672	0.972	7.451	147.394	148.104	147.104
0754	Tertiary	0+662.96	0+662.96	157.382	147.441	146.898	10.484	1.543	8.004	147.104		
0755	Secondary	0+663.71	0+663.71	157.221	147.520	147.428	9.793	1.373	7.487	147.520	148.801	147.801

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0756	Tertiary	0+664.46	0+664.46	157.536	147.656	147.259	10.277	1.397	7.863	147.520		
0757	Primary	0+665.21	0+665.21	156.840	147.702	147.451	9.389	1.589	7.137	147.702	149.040	148.040
0758	Tertiary	0+665.96	0+665.96	157.362	147.708	147.244	10.118	1.464	7.728	147.683		
0759	Secondary	0+666.71	0+666.71	157.147	147.683	147.651	9.496	1.096	7.295	147.683	148.747	147.747
0760	Tertiary	0+667.46	0+667.46	157.501	147.683	147.291	10.210	1.392	7.811	147.676		
0761	Primary	0+668.21	0+668.21	156.914	147.676	147.416	9.498	1.698	7.206	147.676	149.114	148.114
0762	Tertiary	0+668.96	0+668.96	157.341	147.613	147.363	9.978	1.250	7.650	147.364		
0763	Secondary	0+669.71	0+669.71	157.164	147.614	147.444	9.720	0.920	7.497	147.614	148.364	147.364
0764	Tertiary	0+670.46	0+670.46	157.506	147.617	147.066	10.441	1.551	7.968	147.364		
0765	Primary	0+671.21	0+671.21	156.986	147.649	147.641	9.345	1.445	7.124	147.649	149.086	148.086
0766	Tertiary	0+671.96	0+671.96	157.373	147.741	147.557	9.816	1.184	7.533	147.649		
0767	Secondary	0+672.71	0+672.71	157.168	147.778	147.785	9.383	1.233	7.185	147.778	149.018	148.018
0768	Tertiary	0+673.46	0+673.46	157.475	147.807	147.519	9.956	1.288	7.627	147.778		
0769	Primary	0+674.21	0+674.21	157.037	147.798	147.382	9.655	1.456	7.366	147.798	148.837	147.837
0770	Tertiary	0+674.96	0+674.96	157.365	147.803	147.351	10.014	1.452	7.648	147.798		
0771	Secondary	0+675.71	0+675.71	157.178	147.808	147.692	9.486	1.386	7.244	147.808	149.078	148.078
0772	Tertiary	0+676.46	0+676.46	157.510	147.826	147.672	9.839	1.155	7.555	147.808		
0773	Primary	0+677.21	0+677.21	157.072	147.813	147.659	9.414	1.214	7.212	147.813	148.872	147.872
0774	Tertiary	0+677.96	0+677.96	157.403	147.809	147.561	9.842	1.248	7.544	147.809		
0775	Secondary	0+678.71	0+678.71	157.169	147.829	147.677	9.493	1.293	7.263	147.829	148.969	147.969
0776	Tertiary	0+679.46	0+679.46	157.442	147.897	147.296	10.146	1.601	7.730	147.829		
0777	Primary	0+680.21	0+680.21	157.157	147.979	147.841	9.316	1.416	7.106	147.979	149.257	148.257
0778	Tertiary	0+680.96	0+680.96	157.393	147.985	147.808	9.585	1.177	7.352	147.979		
0779	Secondary	0+681.71	0+681.71	157.213	148.018	147.960	9.253	1.353	7.066	148.018	149.313	148.313
0780	Tertiary	0+682.46	0+682.46	157.462	148.060	147.740	9.722	1.320	7.439	148.018		
0781	Primary	0+683.21	0+683.21	157.116	148.060	148.014	9.103	1.303	6.955	148.060	149.316	148.316
0782	Tertiary	0+683.96	0+683.96	157.366	148.083	147.960	9.406	1.123	7.220	148.060		
0783	Secondary	0+684.71	0+684.71	157.197	148.139	147.831	9.366	1.566	7.122	148.139	149.397	148.397
0784	Tertiary	0+685.46	0+685.46	157.459	148.147	147.802	9.657	1.345	7.384	148.139		
0785	Primary	0+686.21	0+686.21	157.090	148.146	148.132	8.958	1.458	6.818	148.146	149.590	148.590
0786	Tertiary	0+686.96	0+686.96	157.387	148.156	147.881	9.506	1.275	7.276	148.146		
0787	Secondary	0+687.71	0+687.71	157.227	148.191	148.018	9.209	1.509	7.008	148.191	149.527	148.527
0788	Tertiary	0+688.46	0+688.46	157.440	148.207	147.957	9.483	1.250	7.262	148.191		
0789	Primary	0+689.21	0+689.21	157.071	148.205	148.006	9.065	1.315	6.924	148.205	149.321	148.321
0790	Tertiary	0+689.96	0+689.96	157.412	148.204	148.042	9.371	1.163	7.186	148.204		
0791	Secondary	0+690.71	0+690.71	157.201	148.228	147.995	9.206	1.306	7.036	148.228	149.301	148.301
0792	Tertiary	0+691.46	0+691.46	157.511	148.258	147.823	9.688	1.435	7.395	148.228		
0793	Primary	0+692.21	0+692.21	157.055	148.288	147.717	9.338	1.688	7.082	148.288	149.405	148.405
0794	Tertiary	0+692.96	0+692.96	157.384	148.311	147.931	9.453	1.381	7.219	148.288		
0795	Secondary	0+693.71	0+693.71	157.204	148.344	148.170	9.035	1.635	6.852	148.344	149.804	148.804
0796	Tertiary	0+694.46	0+694.46	157.491	148.389	148.278	9.213	1.111	7.070	148.344		

0797	Primary	0+695.21	0+695.21	157.063	148.418	148.160	8.903	1.303	6.798	148.418	149.463	148.463
0798	Tertiary	0+695.96	0+695.96	157.397	148.400	148.119	9.278	1.281	7.096	148.400		
0799	Secondary	0+696.71	0+696.71	157.187	148.543	148.537	8.651	1.351	6.593	148.543	149.887	148.887
0800	Tertiary	0+697.46	0+697.46	157.430	148.597	148.500	8.930	1.097	6.850	148.543		
0801	Primary	0+698.21	0+698.21	157.018	148.615	148.504	8.514	1.514	6.461	148.615	150.018	149.018
0802	Tertiary	0+698.96	0+698.96	157.322	148.670	148.328	8.994	1.342	6.864	148.615		
0803	Secondary	0+699.71	0+699.71	157.098	148.749	148.737	8.361	1.161	6.394	148.749	149.898	148.898
0804	Tertiary	0+700.46	0+700.46	157.341	148.794	148.312	9.030	1.483	6.871	148.749		
0805	Primary	0+701.21	0+701.21	157.000	148.803	148.550	8.450	1.550	6.406	148.803	150.100	149.100
0806	Tertiary	0+701.96	0+701.96	157.289	148.881	148.546	8.743	1.335	6.668	148.803		
0807	Secondary	0+702.71	0+702.71	157.061	149.000	149.024	8.037	1.087	6.150	149.000	150.111	149.111
0808	Tertiary	0+703.46	0+703.46	157.316	149.001	148.746	8.571	1.256	6.544	149.000		
0809	Primary	0+704.21	0+704.21	156.985	149.068	148.510	8.475	1.675	6.406	149.068	150.185	149.185
0810	Tertiary	0+704.96	0+704.96	157.269	149.056	148.728	8.541	1.328	6.510	149.056		
0811	Secondary	0+705.71	0+705.71	157.160	149.057	148.864	8.296	1.296	6.322	149.057	150.160	149.160
0812	Tertiary	0+706.46	0+706.46	157.300	149.092	148.628	8.672	1.464	6.593	149.057		
0813	Primary	0+707.21	0+707.21	157.037	149.196	148.776	8.261	1.461	6.270	149.196	150.237	149.237
0814	Tertiary	0+707.96	0+707.96	157.229	149.258	148.353	8.876	1.905	6.687	149.196		
0815	Secondary	0+708.71	0+708.71	157.119	149.257	148.887	8.232	1.532	6.237	149.257	150.419	149.419
0816	Tertiary	0+709.46	0+709.46	157.304	149.237	147.612	9.692	2.625	7.220	149.211		
0817	Primary	0+710.21	0+710.21	156.995	149.211	149.074	7.921	1.221	6.039	149.211	150.295	149.295
0818	Tertiary	0+710.96	0+710.96	157.289	149.164	148.682	8.607	1.482	6.539	149.128		
0819	Secondary	0+711.71	0+711.71	157.128	149.136	148.810	8.318	1.318	6.336	149.136	150.128	149.128
0820	Tertiary	0+712.46	0+712.46	157.292	149.134	148.028	9.264	2.106	6.962	149.075		
0821	Primary	0+713.21	0+713.21	157.040	149.075	148.827	8.213	1.313	6.255	149.075	150.140	149.140
0822	Tertiary	0+713.96	0+713.96	157.286	148.960	148.558	8.729	1.403	6.646	148.928		
0823	Secondary	0+714.71	0+714.71	157.135	148.928	148.640	8.495	1.395	6.464	148.928	150.035	149.035
0824	Tertiary	0+715.46	0+715.46	157.297	148.904	148.693	8.604	1.211	6.577	148.862		
0825	Primary	0+716.21	0+716.21	157.038	148.862	148.807	8.231	1.431	6.251	148.862	150.238	149.238
0826	Tertiary	0+716.96	0+716.96	157.315	148.840	148.578	8.737	1.262	6.674	148.838		
0827	Secondary	0+717.71	0+717.71	157.117	148.838	148.641	8.476	1.476	6.437	148.838	150.117	149.117
0828	Tertiary	0+718.46	0+718.46	157.302	148.868	148.235	9.067	1.633	6.877	148.838		
0829	Primary	0+719.21	0+719.21	157.036	148.911	148.910	8.126	1.426	6.169	148.911	150.336	149.336
0830	Tertiary	0+719.96	0+719.96	157.212	148.980	148.317	8.896	1.664	6.738	148.911		
0831	Secondary	0+720.71	0+720.71	157.151	149.048	148.623	8.528	1.528	6.470	149.048	150.151	149.151
0832	Tertiary	0+721.46	0+721.46	157.311	149.092	148.573	8.738	1.519	6.636	149.048		
0833	Primary	0+722.21	0+722.21	157.040	149.152	149.149	7.891	1.291	6.005	149.152	150.440	149.440
0834	Tertiary	0+722.96	0+722.96	157.256	149.225	148.688	8.568	1.537	6.500	149.152		
0835	Secondary	0+723.71	0+723.71	157.133	149.256	149.060	8.073	1.373	6.136	149.256	150.433	149.433
0836	Tertiary	0+724.46	0+724.46	157.269	149.256	149.227	8.042	1.029	6.163	149.256		
0837	Primary	0+725.21	0+725.21	157.047	149.279	149.160	7.887	1.287	6.003	149.279	150.447	149.447

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0838	Tertiary	0+725.96	0+725.96	157.224	149.250	148.529	8.695	1.721	6.572	149.214		
0839	Secondary	0+726.71	0+726.71	157.187	149.214	148.901	8.286	1.486	6.286	149.214	150.387	149.387
0840	Tertiary	0+727.46	0+727.46	157.331	149.157	148.759	8.572	1.398	6.524	149.133		
0841	Primary	0+728.21	0+728.21	157.065	149.133	148.994	8.071	1.671	6.089	149.133	150.665	149.665
0842	Tertiary	0+728.96	0+728.96	157.289	149.119	148.928	8.361	1.191	6.389	149.119		
0843	Secondary	0+729.71	0+729.71	157.229	149.142	148.867	8.362	1.462	6.349	149.142	150.329	149.329
0844	Tertiary	0+730.46	0+730.46	157.360	149.176	148.563	8.797	1.613	6.668	149.077		
0845	Primary	0+731.21	0+731.21	157.117	149.077	148.882	8.236	1.336	6.269	149.077	150.217	149.217
0846	Tertiary	0+731.96	0+731.96	157.285	149.117	148.950	8.335	1.167	6.372	149.077		
0847	Secondary	0+732.71	0+732.71	157.188	149.239	149.066	8.122	1.222	6.197	149.239	150.288	149.288
0848	Tertiary	0+733.46	0+733.46	157.331	149.237	148.824	8.507	1.413	6.471	149.206		
0849	Primary	0+734.21	0+734.21	157.084	149.206	149.018	8.066	1.466	6.116	149.206	150.484	149.484
0850	Tertiary	0+734.96	0+734.96	157.269	149.178	149.091	8.178	1.087	6.261	149.175		
0851	Secondary	0+735.71	0+735.71	157.153	149.175	148.995	8.158	1.358	6.205	149.175	150.353	149.353
0852	Tertiary	0+736.46	0+736.46	157.330	149.175	149.029	8.301	1.146	6.349	149.175		
0853	Primary	0+737.21	0+737.21	157.065	149.175	148.996	8.069	1.569	6.103	149.175	150.565	149.565
0854	Tertiary	0+737.96	0+737.96	157.205	149.215	149.045	8.160	1.170	6.234	149.175		
0855	Secondary	0+738.71	0+738.71	157.145	149.194	149.138	8.007	1.557	6.056	149.194	150.695	149.695
0856	Tertiary	0+739.46	0+739.46	157.370	149.209	149.157	8.213	1.052	6.294	149.194		
0857	Primary	0+740.21	0+740.21	157.050	149.406	149.110	7.940	1.440	6.021	149.406	150.550	149.550
0858	Tertiary	0+740.96	0+740.96	157.449	149.603	148.894	8.555	1.709	6.464	149.406		
0859	Secondary	0+741.71	0+741.71	157.285	149.690	148.332	8.953	2.153	6.711	148.690	150.485	149.485
0860	Tertiary	0+742.46	0+742.46	157.573	149.710	147.637	9.937	3.074	7.346	148.116		
0861	Primary	0+743.21	0+743.21	157.116	149.729	147.955	9.161	2.161	6.873	148.729	150.116	149.116
0862	Tertiary	0+743.96	0+743.96	157.539	149.715	147.853	9.686	2.862	7.181	148.116		
0863	Secondary	0+744.71	0+744.71	157.344	149.713	147.939	9.406	2.306	7.043	148.713	150.244	149.244
0864	Tertiary	0+745.46	0+745.46	157.516	149.694	147.931	9.585	2.763	7.116	148.244		
0865	Primary	0+746.21	0+746.21	157.125	149.654	148.284	8.841	2.341	6.594	148.654	150.625	149.625
0866	Tertiary	0+746.96	0+746.96	157.603	149.623	147.966	9.638	2.658	7.173	148.608		
0867	Secondary	0+747.71	0+747.71	157.374	149.608	148.455	8.919	2.219	6.674	148.608	150.674	149.674
0868	Tertiary	0+748.46	0+748.46	157.659	149.597	148.090	9.569	2.507	7.141	148.535		
0869	Primary	0+749.21	0+749.21	157.135	149.595	148.417	8.718	2.118	6.531	148.595	150.535	149.535
0870	Tertiary	0+749.96	0+749.96	157.595	149.597	148.205	9.390	2.392	7.018	148.535		
0871	Secondary	0+750.71	0+750.71	157.311	149.612	148.352	8.959	2.459	6.669	148.612	150.811	149.811
0872	Tertiary	0+751.46	0+751.46	157.652	149.555	148.173	9.479	2.382	7.090	148.554		
0873	Primary	0+752.21	0+752.21	157.159	149.554	148.383	8.776	2.226	6.561	148.554	150.609	149.609
0874	Tertiary	0+752.96	0+752.96	157.503	149.577	148.279	9.224	2.298	6.902	148.535		
0875	Secondary	0+753.71	0+753.71	157.335	149.618	148.343	8.993	2.193	6.736	148.618	150.535	149.535
0876	Tertiary	0+754.46	0+754.46	157.565	149.634	148.360	9.205	2.274	6.890	148.535		
0877	Primary	0+755.21	0+755.21	157.167	149.578	148.249	8.918	2.418	6.644	148.578	150.667	149.667

2.0m ROCK
SOCKET

As-Built Report of Whale Tail Dike

Original -V.00

2019-03-20

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0878	Tertiary	0+755.96	0+755.96	157.516	149.500	148.194	9.323	2.307	6.978	148.466			
0879	Secondary	0+756.71	0+756.71	157.266	149.498	148.198	9.069	2.268	6.784	148.498	150.466	149.466	
0880	Tertiary	0+757.46	0+757.46	157.559	149.565	147.939	9.620	2.626	7.164	148.466			
0881	Primary	0+758.21	0+758.21	157.140	149.585	148.349	8.791	2.391	6.548	148.585	150.740	149.740	
0882	Tertiary	0+758.96	0+758.96	157.578	149.520	148.073	9.505	2.447	7.100	148.200			
0883	Secondary	0+759.71	0+759.71	157.300	149.392	148.045	9.256	2.156	6.948	148.392	150.200	149.200	
0884	Tertiary	0+760.46	0+760.46	157.539	149.335	147.567	9.972	2.768	7.419	148.200			
0885	Primary	0+761.21	0+761.21	157.158	149.314	148.215	8.943	2.143	6.704	148.314	150.358	149.358	
0886	Tertiary	0+761.96	0+761.96	157.598	149.306	148.172	9.426	2.134	7.085	148.306			
0887	Secondary	0+762.71	0+762.71	157.327	149.395	147.998	9.329	2.529	6.950	148.395	150.527	149.527	
0888	Tertiary	0+763.46	0+763.46	157.576	149.437	148.144	9.432	2.293	7.066	148.395			
0889	Primary	0+764.21	0+764.21	157.103	149.433	148.358	8.745	2.046	6.564	148.433	150.403	149.403	
0890	Tertiary	0+764.96	0+764.96	157.480	149.434	148.177	9.303	2.257	6.970	148.403			
0891	Secondary	0+765.71	0+765.71	157.255	149.439	147.964	9.291	2.491	6.925	148.439	150.455	149.455	
0892	Tertiary	0+766.46	0+766.46	157.591	149.489	148.433	9.159	2.057	6.886	148.395			
0893	Primary	0+767.21	0+767.21	157.095	149.424	148.376	8.719	2.019	6.547	148.424	150.395	149.395	
0894	Tertiary	0+767.96	0+767.96	157.559	149.394	147.945	9.614	2.450	7.186	148.394			
0895	Secondary	0+768.71	0+768.71	157.307	149.405	148.280	9.027	2.127	6.772	148.405	150.407	149.407	
0896	Tertiary	0+769.46	0+769.46	157.709	149.459	147.907	9.802	2.552	7.318	148.405			
0897	Primary	0+770.21	0+770.21	157.043	149.503	147.892	9.151	2.651	6.792	148.503	150.543	149.543	
0898	Tertiary	0+770.96	0+770.96	157.510	149.493	148.063	9.447	2.430	7.057	148.493			
0899	Secondary	0+771.71	0+771.71	157.277	149.520	148.343	8.934	2.235	6.684	148.520	150.577	149.577	
0900	Tertiary	0+772.46	0+772.46	157.511	148.720	148.441	9.071	1.279	6.933	147.720			
0901	Primary	0+773.21	0+773.21	157.016	148.725	148.447	8.570	2.170	6.407	147.725	150.616	149.616	
0902	Tertiary	0+773.96	0+773.96	157.450	148.730	149.123	8.327	0.607	6.450	149.616			
0903	Secondary	0+774.71	0+774.71	157.225	148.735	149.490	7.736	1.136	5.906	149.410	150.625	149.625	
0904	Tertiary	0+775.46	0+775.46	157.504	148.740	148.511	8.993	1.229	6.880	149.410			
0905	Primary	0+776.21	0+776.21	157.010	148.746	149.372	7.638	1.039	5.844	148.746	150.410	149.410	
0906	Tertiary	0+776.96	0+776.96	157.467	148.773	149.261	8.206	0.512	6.369	149.410			
0907	Secondary	0+777.71	0+777.71	157.234	148.800	149.653	7.581	0.981	5.808	149.410	150.634	149.634	
0908	Tertiary	0+778.46	0+778.46	157.411	148.826	149.523	7.888	0.304	6.150	149.634			
0909	Primary	0+779.21	0+779.21	157.048	148.853	148.692	8.356	1.956	6.271	148.853	150.648	149.648	
0910	Tertiary	0+779.96	0+779.96	157.368	148.880	149.666	7.702	0.214	6.018	149.579			
0911	Secondary	0+780.76	0+780.76	157.179	148.908	149.194	7.985	1.385	6.065	149.441	150.579	149.579	
0912	Tertiary	0+781.56	0+781.56	157.383	148.937	149.075	8.308	0.862	6.397	149.441			
0913	Primary	0+782.36	0+782.36	157.041	148.965	148.846	8.195	1.595	6.199	148.965	150.441	149.441	
0914	Tertiary	0+783.16	0+783.16	157.293	148.994	149.644	7.649	0.350	5.956	149.441			
0915	Secondary	0+783.96	0+783.96	157.167	149.036	149.188	7.979	1.479	6.046	149.441	150.667	149.667	
0916	Tertiary	0+784.76	0+784.76	157.403	149.079	149.405	7.998	0.674	6.181	149.667			
0917	Primary	0+785.56	0+785.56	157.014	149.117	149.004	8.010	1.910	6.006	149.117	150.914	149.914	

0918	Tertiary	0+786.36	0+786.36	157.329	149.155	149.715	7.614	0.441	5.915	149.914		
0919	Secondary	0+787.16	0+787.16	157.192	149.194	149.952	7.241	1.041	5.531	149.808	150.992	149.992
0920	Tertiary	0+787.96	0+787.96	157.320	149.232	149.621	7.699	0.611	5.956	149.808		
0921	Primary	0+788.76	0+788.76	157.008	149.270	149.228	7.780	1.580	5.875	149.270	150.808	149.808
0922	Tertiary	0+789.56	0+789.56	157.251	149.308	149.530	7.721	0.778	5.948	149.808		
0923	Secondary	0+790.36	0+790.36	157.104	149.347	149.626	7.478	1.278	5.683	149.808	150.904	149.904
0924	Tertiary	0+791.16	0+791.16	157.275	149.385	149.594	7.681	0.791	5.915	149.904		
0925	Primary	0+791.96	0+791.96	156.991	149.423	148.966	8.025	2.625	5.911	149.423	151.591	150.591
0926	Tertiary	0+792.76	0+792.76	157.218	149.461	149.346	7.872	1.115	6.016	149.589		
0927	Secondary	0+793.56	0+793.56	157.089	149.519	149.232	7.857	1.357	5.968	150.561	150.589	149.589
0928	Tertiary	0+794.36	0+794.36	157.282	149.590	148.419	8.863	2.171	6.637	149.589		
0929	Primary	0+795.16	0+795.16	156.961	149.662	149.332	7.629	2.229	5.659	149.662	151.561	150.561
0930	Tertiary	0+795.96	0+795.96	157.232	149.734	150.371	6.861	0.363	5.335	150.461		
0931	Secondary	0+796.76	0+796.76	157.061	149.804	149.387	7.674	2.074	5.718	150.561	151.461	150.461
0932	Tertiary	0+797.56	0+797.56	157.286	149.863	150.114	7.172	0.749	5.521	150.461		
0933	Primary	0+798.36	0+798.36	156.962	149.922	150.439	6.523	1.223	4.941	149.922	151.662	150.662
0934	Tertiary	0+799.16	0+799.16	157.228	149.981	149.888	7.340	1.093	5.602	150.182		
0935	Secondary	0+799.96	0+799.96	157.082	150.044	149.884	7.198	1.298	5.460	150.587	151.182	150.182
0936	Tertiary	0+800.76	0+800.76	157.291	150.109	149.849	7.442	1.260	5.657	150.182		
0937	Primary	0+801.56	0+801.56	156.987	150.174	150.455	6.532	1.132	4.961	150.174	151.587	150.587
0938	Tertiary	0+802.36	0+802.36	157.215	150.239	150.221	6.994	1.017	5.341	150.447		
0939	Secondary	0+803.16	0+803.16	157.047	150.304	150.045	7.002	1.402	5.290	150.587	151.447	150.447
0940	Tertiary	0+803.96	0+803.96	157.318	150.368	150.047	7.271	1.321	5.513	150.447		
0941	Primary	0+804.76	0+804.76	157.008	150.427	151.576	5.432	1.232	4.082	150.427	152.808	151.808
0942	Tertiary	0+805.56	0+805.56	157.153	150.484	150.391	6.762	1.094	5.148	150.659		
0943	Secondary	0+806.36	0+806.36	157.059	150.538	150.649	6.410	1.010	4.884	151.424	151.659	150.659
0944	Tertiary	0+807.16	0+807.16	157.269	150.597	149.995	7.274	1.602	5.474	150.659		
0945	Primary	0+807.96	0+807.96	157.024	150.656	150.652	6.372	1.772	4.740	150.656	152.424	151.424
0946	Tertiary	0+808.76	0+808.76	157.269	150.715	150.879	6.391	0.836	4.894	151.007		
0947	Secondary	0+809.56	0+809.56	157.107	150.773	150.515	6.592	1.492	4.955	151.424	152.007	151.007
0948	Tertiary	0+810.36	0+810.36	157.283	150.832	150.638	6.645	1.194	5.041	151.007		
0949	Primary	0+811.16	0+811.16	157.066	150.891	150.468	6.598	2.098	4.869	150.891	152.566	151.566
0950	Tertiary	0+811.96	0+811.96	157.235	150.950	151.195	6.040	0.754	4.631	151.272		
0951	Secondary	0+812.76	0+812.76	157.172	151.010	151.065	6.107	1.207	4.616	151.526	152.272	151.272
0952	Tertiary	0+813.56	0+813.56	157.323	151.084	150.659	6.665	1.425	5.022	151.272		
0953	Primary	0+814.36	0+814.36	157.126	151.151	150.781	6.345	1.745	4.723	151.151	152.526	151.526
0954	Tertiary	0+815.16	0+815.16	157.332	151.212	151.470	5.862	0.742	4.493	151.409		
0955	Secondary	0+815.96	0+815.96	157.209	151.273	151.005	6.204	1.404	4.663	151.526	152.409	151.409
0956	Tertiary	0+816.76	0+816.76	157.412	151.334	150.939	6.473	1.395	4.876	151.409		
0957	Primary	0+817.56	0+817.56	157.195	151.394	151.072	6.123	1.623	4.567	151.394	152.695	151.695
0958	Tertiary	0+818.36	0+818.36	157.425	151.455	151.578	5.847	0.877	4.462	151.585		

0959	Secondary	0+819.16	0+819.16	157.285	151.513	151.380	5.905	1.205	4.458	151.671	152.585	151.585	
0960	Tertiary	0+819.96	0+819.96	157.481	151.564	151.144	6.338	1.420	4.766	151.585			
0961	Primary	0+820.76	0+820.76	157.271	151.614	151.262	6.009	1.409	4.510	151.614	152.671	151.671	
0962	Tertiary	0+821.56	0+821.56	157.483	151.664	151.477	6.006	0.923	4.580	151.671	152.400	151.400	
0963	Secondary	0+822.36	0+822.36	157.378	151.715	151.448	5.930	1.330	4.459	151.671	152.778	151.778	
0964	Tertiary	0+823.16	0+823.16	157.660	151.762	151.462	6.198	1.300	4.674	151.778			
0965	Primary	0+823.96	0+823.96	157.379	151.799	151.151	6.229	1.729	4.634	151.799	152.879	151.879	
0966	Tertiary	0+824.76	0+824.76	157.552	151.836	151.047	6.505	1.788	4.842	151.288			
0967	Secondary	0+825.56	0+825.56	157.388	151.872	151.913	5.475	0.375	4.244	151.879	152.288	151.288	
0968	Tertiary	0+826.36	0+826.36	157.382	152.909	152.840	4.542	0.000	3.567	152.288			NO DRILLING IN ROCK
0969	Primary	0+827.16	0+827.16	157.410	152.946	152.844	4.566	0.000	3.586	152.946	153.110	152.110	
0970	Tertiary	0+827.96	0+827.96	157.431	152.983	152.632	4.799	0.000	3.770	152.374			
0971	Secondary	0+828.76	0+828.76	157.474	153.027	152.231	5.243	0.000	4.118	152.045	152.374	151.374	
0972	Tertiary	0+829.56	0+829.56	157.494	153.076	152.974	4.520	0.000	3.550	152.045			
0973	Primary	0+830.36	0+830.36	157.545	153.126	152.120	5.425	0.000	4.261	153.126	152.045	151.045	
0974	Tertiary	0+831.16	0+831.16	157.555	153.176	153.027	4.528	0.000	3.556	152.045			
0975	Secondary	0+831.96	0+831.96	157.611	153.226	152.388	5.223	0.000	4.102	153.226	152.231	151.231	

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Appendix K-5

Grout Injection

As-Built Report of Whale Tail Dike		Original -V.00
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WHALE TAIL DIKE

				SECANT PILE HISTORY			INJECTION CASING INSTALLATION FOLLOW-UP AND ANALYSE									
HOLE #	TYPE	STATION	NEAREST PILE	Encountered Bedrock El nearest Secant Pile	Elevation of Nearest Rock Socket	Depth of Nearest Rock Socket	GROUND ELEVATION	BEDROCK ELEVATION	THEORETICAL DEPTH	DRILLED DEPTH BEDROCK(m)	CASING TOTAL LENGHT	Inclination %	Offset perpendicular to alignment	BOTTOM CASING EL.	CASING ROCK SOCKET (M)	COMPLETED ON
180	PRIMARY	0+180	115	151,600	150,092	1,508	157,340	151,665	5,68	7,00	7,50	0,38%	-0,051	150,140	0,200	November 28, 2018
186	SECONDARY	0+186	123	151,875	150,235	1,385	157,359	151,732	5,63	5,80	6,30	0,94%	0,041	151,359	0,200	November 28, 2018
192	PRIMARY	0+192	130	150,440	149,203	1,377	157,371	150,660	6,71	6,90	7,40	1,12%	0,021	150,271	0,200	November 28, 2018
198	SECONDARY	0+198	138	149,526	148,496	1,124	157,365	149,827	7,54	7,70	8,20	0,16%	0,002	149,465	0,200	November 28, 2018
199,5	QUATERNARY	0+199.5	140	149,493	148,482	1,128	157,416	149,590	7,41	7,80	8,30			149,316	0,300	
201	TERTIARY	0+201	142	149,410	148,351	1,059	157,433	149,400	8,03	8,20	9,70			147,933	1,300	
202,5	QUATERNARY	0+202.5	144	149,360	148,376	1,234	157,421	149,450	7,55	8,00	8,50			149,121	0,300	
204	PRIMARY	0+204	146	149,360	148,043	1,197	157,381	149,229	8,15	8,00	8,60	0,96%	0,012	149,081	0,300	November 28, 2018
207	TERTIARY	0+207	150	149,360	148,071	1,289	157,482	149,381	8,10	8,10	8,60			149,082	0,300	
210	SECONDARY	0+210	154	149,555	148,359	1,241	157,445	149,584	7,86	7,90	8,40	0,23%	-0,023	149,345	0,200	November 28, 2018
216	PRIMARY	0+216	162	149,327	148,433	1,167	157,541	149,659	7,88	8,30	8,99	0,63%	0,032	148,851	0,390	November 28, 2018
222	SECONDARY	0+222	170	149,452	148,509	1,121	157,506	149,737	7,77	8,45	9,42	0,89%	0,014	148,386	0,670	November 28, 2018
228	PRIMARY	0+228	178	150,161	149,036	1,024	157,409	150,059	7,35	8,22	9,42	1,08%	0,016	148,289	0,900	November 28, 2018
234	SECONDARY	0+234	186	150,220	148,731	1,599	157,395	150,417	6,98	8,00	9,42	1,19%	-0,002	148,275	1,120	November 28, 2018
240	PRIMARY	0+240	194	150,586	149,640	1,040	157,327	150,790	6,54	6,80	7,30	0,93%	0,023	150,327	0,200	November 29, 2018
246	SECONDARY	0+246	202	150,152	149,305	1,175	157,351	150,546	6,81	7,00	7,50	1,31%	0,003	150,151	0,200	November 29, 2018
252	PRIMARY	0+252	210	150,530	149,036	1,494	157,328	150,522	6,81	7,10	7,60	0,73%	0,002	150,028	0,200	November 29, 2018
258	SECONDARY	0+258	218	150,460	149,394	1,106	157,264	150,580	6,68	6,90	7,50	2,13%	-0,013	150,064	0,300	November 29, 2018
264	PRIMARY	0+264	226	150,376	149,280	1,096	157,247	150,530	6,72	7,30	8,10	0,52%	-0,010	149,447	0,500	November 29, 2018
267	TERTIARY	0+267	230	150,530	149,215	1,215	157,329	150,802	6,53	6,40	6,90	1,50%	0,104	150,729	0,200	January 9, 2019
270	SECONDARY	0+270	233	151,215	149,750	1,220	157,237	151,272	5,97	6,70	7,50	2,53%	-0,025	150,037	0,500	November 29, 2018
276	PRIMARY	0+276	241	150,783	149,380	1,290	157,262	150,674	6,59	7,20	7,80	0,61%	-0,017	149,762	0,300	November 29, 2018
282	SECONDARY	0+282	248	150,490	149,121	1,369	157,339	150,619	6,72	7,20	7,90	0,52%	-0,018	149,739	0,400	November 29, 2018
288	PRIMARY	0+288	256	151,057	149,863	1,097	157,300	150,985	6,32	6,50	7,10	0,82%	-0,012	150,500	0,300	November 29, 2018
291	TERTIARY	0+291	260	151,162	148,841	1,999	157,269	150,915	6,35	6,40	6,90	2,18%	0,151	150,669	0,200	January 9, 2019
294	SECONDARY	0+294	263	150,894	149,744	1,076	157,230	150,919	6,31	6,80	7,60	0,33%	0,008	149,930	0,500	November 29, 2018
297	TERTIARY	0+297	267	150,975	149,756	1,274	157,344	151,200	6,14	6,20	6,70	1,08%	0,073	150,944	0,200	January 9, 2019
300	PRIMARY	0+300	271	151,116	150,123	0,997	157,280	151,177	6,10	6,40	7,00	1,64%	0,016	150,580	0,300	November 30, 2018
306	SECONDARY	0+306	278	151,420	149,672	1,478	157,402	151,484	5,92	6,20	6,70	0,49%	0,024	151,002	0,200	November 30, 2018
312	PRIMARY	0+312	286	151,162	149,246	1,764	157,475	151,379	6,10	6,30	6,90	1,33%	0,008	150,875	0,300	November 30, 2018
318	SECONDARY	0+318	294	149,752	148,033	1,077	157,472	149,986	7,49	7,80	8,30	0,24%	-0,027	149,472	0,200	November 30, 2018
321	TERTIARY	0+321	298	149,064	147,376	1,688	157,507	149,504	8,00	8,10	8,60	2,58%	0,222	149,207	0,200	January 9, 2019
324	PRIMARY	0+324	302	148,690	147,372	1,538	157,545	148,994	8,55	8,70	9,20	1,40%	0,018	148,645	0,200	November 30, 2018
327	TERTIARY	0+327	306	148,550	147,441	1,109	157,608	148,597	9,01	9,00	9,50	0,79%	0,075	148,408	0,200	January 9, 2019
330	SECONDARY	0+330	310	148,030	146,793	1,267	157,647	148,081	9,57	9,90	10,40	0,40%	-0,008	147,547	0,200	November 30, 2018
333	TERTIARY	0+333	314	146,915	145,306	2,404	157,614	147,300	10,31	10,40	10,90	3,05%	0,333	147,014	0,200	January 8, 2019
336	PRIMARY	0+336	318	146,231	145,211	1,020	157,640	146,500	11,14	11,50	12,00	1,08%	0,013	145,940	0,200	November 30, 2018
339	TERTIARY	0+339	322	146,296	143,254	3,042	157,716	146,320	11,40	11,10	11,60	3,51%	0,407	146,416	0,200	January 8, 2019
342	SECONDARY	0+342	326	146,780	145,232	1,548	157,723	146,900	10,82	11,20	11,70	0,84%	-0,020	146,323	0,200	November 30, 2018
345	TERTIARY	0+345	330	145,659	143,951	1,708	157,656	146,080	11,58	11,20	11,70	2,95%	0,345	146,256	0,200	January 8, 2019
348	PRIMARY	0+348	334	145,351	144,001	1,350	157,674	145,900	11,77	11,80	12,30	0,68%	0,027	145,674	0,200	November 30, 2018
351	TERTIARY	0+351	338	146,272	145,032	1,240	157,637	146,370	11,27	11,30	11,80	3,74%	0,441	146,137	0,200	January 8, 2019
354	SECONDARY	0+354	342	144,073	142,964	1,109	157,703	145,500	12,20	12,40	13,10	0,45%	-0,002	144,903	0,400	November 30, 2018
357	TERTIARY	0+357	346	143,507	142,053	1,454	157,703	145,485	12,22	12,20	12,70	4,07%	0,516	145,303	0,200	January 7, 2019
360	PRIMARY	0+360	350	143,054	141,702	1,352	157,702	143,500	14,20	14,50	15,40	0,38%	-0,009	142,602	0,600	November 30, 2018
366	SECONDARY	0+366	358	141,574	140,417	1,157	157,689	142,000	15,69	15,80	17,00	1,76%	-0,007	140,989	0,900	November 30, 2018
369	TERTIARY	0+369	362	140,830	139,273	1,557	157,731	140,845	16,89	13,50	14,00	1,82%	0,254	144,031	0,200	January 7, 2019
372	PRIMARY	0+372	366	145,670	144,311	1,359	157,723	146,800	10,92	11,30	11,80	1,19%	0,015	146,223	0,200	December 1, 2018
375	TERTIARY	0+375	370	146,980	145,593	1,387	157,689	146,900	10,79	10,50	11,00	1,12%	0,123	146,989	0,200	January 6, 2019
378	SECONDARY	0+378	374	148,070	146,722	1,348	157,706	147,100	10,61	10,90	11,40	0,38%	0,019	146,606	0,200	December 1, 2018
381	TERTIARY	0+381	378	147,727	146,129	1,598	157,826	147,216	10,61	9,70	10,20	4,36%	0,445	147,926	0,200	January 6, 2019
382,5	QUATERNARY	0+382.5	380	147,390	146,104	1,286	157,764	147,958	9,81	10,30	10,80			147,164	0,300	
384	PRIMARY	0+384	382	146,456	144,468	1,988	157,714	147,372	10,34	10,50	11,00	0,49%	-0,001	147,014	0,200	December 1, 2018

387	TERTIARY	0+387	386	146,729	144,822	1,907	157,752	146,740	11,01	10,70	11,10	4,33%	0,480	146,952	0,100	January 6, 2019
390	SECONDARY	0+390	390	147,964	146,716	1,248	157,599	147,900	9,70	10,00	10,92	0,72%	-0,008	146,977	0,622	December 1, 2018
393	TERTIARY	0+393	394	147,477	146,247	1,230	157,583	147,750	9,83	10,00	10,50	1,05%	0,110	147,383	0,200	January 6, 2019
396	PRIMARY	0+396	398	147,356	145,647	1,833	157,601	147,700	9,90	10,50	11,20	2,86%	-0,004	146,701	0,400	December 1, 2018
397,5	QUATERNARY	0+397.5	400	147,490	145,990	1,500	157,613	147,721	9,89	10,30	10,80			147,013	0,300	
399	TERTIARY	0+399	402	147,928	146,647	1,033	157,518	147,800	9,72	9,70	10,20	2,27%	0,231	147,618	0,200	January 4, 2019
400,5	QUATERNARY	0+400.5	404	147,940	145,970	1,970	157,622	148,243	9,38	9,90	10,40			147,422	0,300	
402	SECONDARY	0+402	406	147,475	145,602	1,748	157,542	147,800	9,74	10,90	11,68	0,75%	-0,004	146,158	0,484	December 1, 2018
403,5	QUATERNARY	0+403.5	408	146,520	144,918	1,602	157,595	146,971	10,62	10,30	10,80			146,995	0,300	
405	TERTIARY	0+405	410	146,684	144,806	1,714	157,519	146,635	10,88	11,50	11,90	0,80%	0,096	145,919	0,100	January 4, 2019
406,5	QUATERNARY	0+406.5	412	145,990	144,344	1,646	157,535	146,956	10,58	10,70	11,20			146,535	0,300	
408	PRIMARY	0+408	414	145,990	144,350	1,640	157,455	147,200	10,26	10,50	11,20	0,94%	0,036	146,555	0,400	December 1, 2018
411	TERTIARY	0+411	418	148,183	146,307	2,013	157,456	148,354	9,10	9,20	9,60	1,90%	0,183	148,156	0,100	January 4, 2019
414	SECONDARY	0+414	422	148,170	146,767	1,403	157,490	148,168	9,32	9,60	10,20	0,87%	0,034	147,590	0,300	December 2, 2018
417	TERTIARY	0+417	426	148,168	146,811	1,519	157,399	148,559	8,84	8,90	9,40	1,59%	0,149	148,299	0,200	January 4, 2019
420	PRIMARY	0+420	430	148,353	146,836	1,554	157,443	148,360	9,08	9,40	10,00	2,08%	-0,027	147,743	0,300	December 2, 2018
423	TERTIARY	0+423	434	148,665	147,070	1,370	157,366	148,611	8,75	8,80	9,40	2,22%	0,208	148,266	0,300	January 3, 2019
426	SECONDARY	0+426	438	148,568	146,989	1,421	157,427	148,555	8,87	9,40	10,00	0,86%	0,001	147,727	0,300	December 2, 2018
429	TERTIARY	0+429	442	148,786	147,288	1,442	157,434	148,746	8,69	8,80	9,30	2,32%	0,216	148,434	0,200	January 3, 2019
432	PRIMARY	0+432	446	149,016	147,356	1,484	157,357	148,894	8,46	8,90	9,50	0,89%	-0,034	148,157	0,300	December 2, 2018
435	TERTIARY	0+435	450	149,049	147,284	1,566	157,309	148,970	8,34	8,40	8,90	2,22%	0,197	148,709	0,200	January 3, 2019
438	SECONDARY	0+438	454	149,270	147,532	1,378	157,320	149,001	8,32	8,70	9,30	0,68%	0,007	148,320	0,300	December 2, 2018
441	TERTIARY	0+441	458	149,004	147,738	1,222	157,257	149,084	8,17	8,30	8,90	3,23%	0,287	148,657	0,300	January 3, 2019
444	PRIMARY	0+444	462	149,111	146,458	2,472	157,273	149,016	8,26	8,70	9,40	1,17%	-0,029	148,173	0,400	December 2, 2018
447	TERTIARY	0+447	466	148,927	147,329	1,661	157,212	149,060	8,15	8,10	8,70	1,19%	0,103	148,812	0,300	January 3, 2019
450	SECONDARY	0+450	470	148,288	146,411	1,877	157,215	149,064	8,15	8,40	9,10	1,45%	-0,006	148,415	0,400	December 2, 2018
453	TERTIARY	0+453	474	148,810	146,898	1,912	157,194	149,190	8,00	8,30	9,00	2,50%	0,225	148,494	0,400	January 3, 2019
456	PRIMARY	0+456	478	149,138	147,431	1,569	157,292	149,101	8,19	8,50	9,37	0,33%	0,007	148,222	0,570	December 2, 2018
459	TERTIARY	0+459	482	149,223	147,674	1,356	157,281	149,127	8,15	8,20	8,70	1,64%	0,143	148,881	0,200	January 2, 2019
462	SECONDARY	0+462	486	149,298	147,571	1,469	157,325	149,229	8,10	8,50	9,01	0,87%	-0,001	148,615	0,210	December 2, 2018
463,5	QUATERNARY	0+463.5	488	149,200	147,746	1,454	157,336	149,343	7,99	8,00	8,40			149,136	0,200	
465	TERTIARY	0+465	490	149,373	147,709	1,571	157,291	149,496	7,80	7,90	8,50	2,09%	0,178	149,091	0,300	January 2, 2019
466,5	QUATERNARY	0+466.5	492	149,312	147,194	2,118	157,384	149,535	7,85	7,80	8,20			149,384	0,200	
468	PRIMARY	0+468	494	149,312	148,126	1,186	157,344	149,529	7,82	8,50	9,39	1,17%	0,005	148,254	0,590	December 2, 2018
474	SECONDARY	0+474	502	149,354	148,022	1,332	157,265	149,749	7,52	8,00	8,43	0,21%	0,017	149,135	0,130	December 2, 2018
480	PRIMARY	0+480	510	149,671	148,078	1,462	157,298	149,726	7,57	7,90	8,35	0,16%	0,004	149,248	0,150	December 2, 2018
486	SECONDARY	0+486	518	149,760	148,031	1,439	157,257	149,732	7,53	8,80	9,40	0,47%	0,038	148,157	0,300	December 2, 2018
489	TERTIARY	0+489	522	149,364	147,811	1,553	157,396	149,665	7,73					157,696	-0,300	
492	PRIMARY	0+492	526	149,449	148,132	1,317	157,360	149,679	7,68	8,00	8,50	2,25%	0,014	149,160	0,200	December 2, 2018
495	TERTIARY	0+495	530	149,366	147,940	1,426	157,315	149,664	7,65	7,90	8,90	1,90%	0,169	148,715	0,700	January 2, 2019
498	SECONDARY	0+498	534	148,794	146,966	1,828	157,374	149,614	7,76	8,20	8,80	0,31%	0,001	148,874	0,300	December 3, 2018
501	TERTIARY	0+501	538	148,765	147,578	1,187	157,303	149,582	7,72	8,00	8,90			148,703	0,600	January 2, 2019
504	PRIMARY	0+504	542	149,318	148,103	1,215	157,276	149,688	7,59	7,90	8,50	2,46%	-0,007	149,076	0,300	December 3, 2018
510	SECONDARY	0+510	550	149,172	148,059	1,113	157,257	149,644	7,61	8,00	8,60	0,24%	-0,002	148,957	0,300	December 3, 2018
513	TERTIARY	0+513	554	148,682	147,672	1,010	157,342	149,736	7,61					157,642	-0,300	
516	PRIMARY	0+516	558	148,831	147,769	1,062	157,307	149,952	7,35	8,00	8,70			148,907	0,400	January 2, 2019

WHALE TAIL DIKE - DRILLING REPORT

DATE : 2019-01-27

	PM Station	P,S,T	Current grout platform elevation	CASING				BEDROCK DRILLING												GROUTING													
				Bottom casing elevation	Date drilling (casing)	Casing recess (m)	Stick-up (m)	Total casing lenght (m)	Bedrock elevation	Bed rock encountered rockmaster	Total hole (m) including casing stickup	Date drilling (roc)	Rock depth (m)	Bedrock drilled depth (m)	Lost of water return (YES/NO)	Depth of lost water (m)	Bedrock washing (min)	Total hole (m)	Drilling comments	Re-drill date	Stage 1 (10m@6m)				Stage 2 (6m@4m)				Stage 3 (2m@0m)				Total liters injected (L)
																					Grouting date	Mix	Total quantity (L)	Final pressure	Grouting date	Mix	Total quantity (L)	Final pressure	Grouting date	Mix	Total quantity (L)	Final pressure	
1	0+180	P	157,340	150,14	2018-11-28	0,20	0,30	7,50	151,665	150,340	17,3	2018-12-18	7,0	10,0	NO	-	2min	17,00			Only 1 stage, permafrost section								2019-01-05	A	304,0	0,4 bar	304,0
2	0+186	S	157,359	151,36	2018-11-28	0,20	0,30	6,30	151,732	151,559							ANNULÉ				ANNULÉ				ANNULÉ				0,0				
3	0+192	P	157,371	150,27	2018-11-28	0,20	0,30	7,40	150,660	150,471	17,6	2018-12-18	6,7	10,4	NO	-	2min	17,10			Only 1 stage, permafrost section								2019-01-05	A	192,0	1,3 bar	192,0
4	0+198	S	157,365	149,47	2018-11-28	0,36	0,30	8,20	149,827	149,665	17,8	2019-01-17	7,5	10,0	NO	-	2min	17,90			2019-01-20	B	60,0	4,0 bar	2019-01-20	B,C	1216,0	2,2 bar	2019-01-20	B	115,0	1,3 bar	1391,0
5	0+199,5	Q	157,386	149,29	2018-01-30	0,30	0,20	8,30			18,3	2019-01-30	7,8	10,1	YES	14m		18,30			2019-02-12	B	102,4	4,1 bar	2019-02-10	B,C,D	677,0	2,4 bar	2019-02-10	B	33,0	1,4 bar	812,4
6	0+201	T	157,433	148,93	2019-01-23	0,47	0,20	8,70	149,400		18,6	2019-01-23	8,0	10,2	NO	-	3min	18,60			2019-01-25	B,C,D	3800,0	2,0 bar	Grout from stage 1 raised up during the night, stage cancelled.				2019-01-26	B	6,0	1,3 bar	3806,0
7	0+202,5	Q	157,421	149,12	2018-01-30	0,30	0,20	8,50			18,5	2019-01-30	8,0	10,1	YES	14m		18,50			2019-02-12	B	193,0	4,0 bar	2019-02-10	B	80,7	2,2 bar	2019-02-10	B	30,2	1,3 bar	303,9
8	0+204	P	157,381	149,08	2018-11-28	0,20	0,30	8,60	149,229	149,381	18,4	2018-12-18	8,1	10,0	NO	-	2min	18,20	Water infiltration at 11.5m. Bloqued at 12m		2019-01-05	A,B,C,D,F,E	2127,0	0,5 bar	2019-01-11	B, C, D	2013,0	2,0 bar	2019-01-11	B	6,3	0,9 bar	4146,3
9	0+207	T	157,482	149,08	2019-01-23	0,30	0,20	8,60	149,381		18,5	2019-01-23	8,1	10,0	NO	-	2min15sec	18,50			2019-01-25	B	128,0	4,1 bar	2019-01-25	B	134,0	2,3 bar	2019-01-25	B	139,0	1,3 bar	401,0
10	0+210	S	157,445	149,35	2018-11-28	0,20	0,30	8,40	149,584	149,545	18,4	2019-01-14	7,9	10,2	NO	-	2min	18,10			2019-01-19	B,C	585,0	4,1 bar	2019-01-20	B	37,0	2,3 bar	2019-01-20	B	5,1	1,3 bar	627,1
11	0+216	P	157,541	148,85	2018-11-28	0,39	0,30	8,99	149,659	149,241	18,9	2018-12-18	8,3	10,3	NO	-	2min	18,20			2019-01-04	A	163,4	3,8 bar	2019-01-04	A	9,6	2,1 bar	2019-01-04	A	3,4	0,8 bar	176,4
12	0+222	S	157,506	148,39	2018-11-28	0,67	0,30	9,42	149,737	149,056	18,8	2019-01-14	8,5	10,0	NO	-	2min	18,50			2019-01-19	B,C	696,0	4,0 bar	2019-01-19	B	43,2	2,2 bar	2019-01-19	B	14,0	1,4 bar	753,2
13	0+228	P	157,409	148,29	2018-11-28	0,90	0,30	9,42	150,059	149,189	18,5	2018-12-17	8,2	10,0	NO	-	2min	18,00			2019-01-04	A	49,0	3,8 bar	2019-01-04	A	99,5	2,1 bar	2019-01-04	A	2,6	0,7 bar	151,1
14	0+234	S	157,395	148,28	2018-11-28	1,12	0,30	9,42	150,417	149,395	18,5	2019-01-14	8,0	10,2	NO	-	2min	18,20			2019-01-19	B,C	831,0	4,0 bar	2019-01-19	B	34,0	2,4 bar	2019-01-19	B	6,0	1,3 bar	871,0
15	0+240	P	157,327	150,33	2018-11-29	0,20	0,30	7,30	150,790	150,527	17,4	2018-12-17	6,8	10,3	NO	-	2min	16,80			2019-01-04	A	42,4	3,7 bar	2019-01-04	A	7,4	2,0 bar	2019-01-04	A	2,9	1,1 bar	52,7
16	0+246	S	157,351	150,15	2018-11-29	0,20	0,30	7,50	150,546	150,351	17,5	2019-01-10	7,0	10,2	NO	-	2min02sec	17,20			2019-01-18	B	64,0	4,0 bar	2019-01-18	B	24,2	2,1 bar	2019-01-18	B	14,4	1,2 bar	102,6
17	0+252	P	157,328	150,03	2018-11-29	0,20	0,30	7,60	150,522	150,228	17,8	2018-12-17	7,1	10,4	NO	-	2min	17,20			2018-12-30	A	180,0	3,8 bar	2018-12-30	A	10,0	2,0 bar	2018-12-30	A	2,6	0,7 bar	192,6
18	0+258	S	157,264	150,06	2018-11-29	0,20	0,30	7,50	150,580	150,364	17,3	2019-01-01	7,0	10,0	NO	-	2min 14sec	16,70			2019-01-03	A	20,0	3,6 bar	2019-01-03	A	12,0	1,9 bar	2019-01-03	A	5,0	0,6 bar	37,0
19	0+264	P	157,247	149,45	2018-11-29	0,50	0,30	8,10	150,530	149,947	18,5	2018-12-17	7,3	10,9	NO	-	2min	17,60			2018-12-30	A	22,0	3,9 bar	2018-12-30	A	63,0	2,2 bar	2018-12-30	A	3,0	0,8 bar	88,0
20	0+267	T	157,329	150,63	2018-11-29	0,30	0,20	6,90	150,802	150,929	17,5	2019-01-10	6,4	10,3	NO	-	2min	17,50			2019-01-11	B	55,0	4,0 bar	2019-01-11	B	17,8	2,3 bar	2019-01-11	B	446,0	1,6 bar	518,8
21	0+270	S	157,237	150,04	2018-11-29	0,50	0,30	7,50	151,272	150,537	17,9	2019-01-01	6,7	10,9	YES	9,2m	1min 31sec	16,90	Bad rock at the bottom of the hole		2019-01-03	A	131,0	3,8 bar	2019-01-03	A,B	1230,0	2,0 bar	2019-01-03	A	2,0	0,9 bar	1363,0
22	0+276	P	157,262	149,76	2018-11-29	0,30	0,30	7,80	150,674	150,062	18,1	2018-12-17	7,2	10,6	NO	-	2min	17,20			2018-12-29	A	391,0	2,8 bar	2018-12-29	A	17,0	2,0 bar	2018-12-29	A	4,0	0,8 bar	412,0
23	0+282	S	157,339	149,74	2018-11-29	0,40	0,30	7,90	150,619	150,139	18,0	2018-12-31	7,2	10,5	NO	-	2min 56sec	17,20			2019-01-03	A	22,0	3,8 bar	2019-01-03	A	33,0	2,0 bar	2019-01-03	A	8,4	0,7 bar	63,4
24	0+288	P	157,300	150,50	2018-11-29	0,30	0,30	7,10	150,985	150,800	17,3	2018-12-17	6,5	10,5	NO	-	2min	16,80			2018-12-29	A	301,0	3,9 bar	2018-12-29	A	12,6	2,3 bar	2018-12-29	A	1,0	1,0 bar	314,6
25	0+291	T	157,269	150,57	2019-01-09	0,30	0,20	6,90	150,915	150,869	16,9	2019-01-10	6,4	10,3	NO	-	1min59sec	16,8															

66	0+414	S	157,490	147,59	2018-12-02	0,30	0,30	10,20	148,168	147,890	20,4	2018-12-22	9,6	10,5	NO	-	2min	19,80			2018-12-24	A	300,0	4,2 bar	2018-12-24	A	6,5	2,4 bar	2018-12-24	A	4,0	1,1 bar	310,5
67	0+417	T	157,399	148,20	2019-01-05	0,30	0,20	9,40	148,559	148,499	19,2	2019-01-07	8,9	10,1	NO	-	2min	19,50			2019-01-09	B	132,3	4,1 bar	2019-01-09	B, C, D, E	666,0	2,4 bar	Only 2 stages			798,3	
68	0+420	P	157,443	147,74	2018-12-02	0,30	0,30	10,00	148,360	148,043	20,3	2018-12-15	9,4	10,6	YES	15,0	2min	19,70	Lost water pressure at 15m		2018-12-17	A,D,E	2000,0	3,1 bar	2018-12-19	A,B,D,D+	2033,0	2,0 bar	2018-12-20	A	220,0	1,6 bar	4253,0
69	0+423	T	157,366	148,17	2019-01-05	0,40	0,20	9,40	148,611	148,566	19,7	2019-01-07	8,8	10,7	NO	-	2min	19,50			2019-01-09	B	39,2	4,1 bar	2019-01-09	B	104,3	2,3 bar	2019-01-09	B	92,9	1,4 bar	236,4
70	0+426	S	157,427	147,73	2018-12-02	0,30	0,30	10,00	148,555	148,027	19,8	2018-12-21	9,4	10,1	YES	14,0	2min	19,00	Lost water pressure at 14m		2018-12-23	A,B,C,D,D+	2137,0	1,9 bar	2018-12-24	A	34,0	2,9 bar	2018-12-24	A	415,0	1,0 bar	2586,0
71	0+429	T	157,434	148,33	2019-01-05	0,30	0,20	9,30	148,746	148,634	19,0	2019-01-05	8,8	10,0	NO	-	2min	19,20			2019-01-09	B	6,8	3,8 bar	2019-01-09	B	7,5	2,0 bar	2019-01-09	B, C, D, E	871,0	1,2 bar	885,3
72	0+432	P	157,357	148,16	2018-12-02		0,30	9,50	148,894	148,457	20,1	2018-12-13	9,2	10,6	NO	-	2min	19,10	Water comming at 15,5m		2018-12-17	A,D,D+	2064,0	1,1 bar	2018-12-19	A	6,1	3,1 bar	2018-12-19	A	6,0	1,5 bar	2076,1
73	0+435	T	157,309	148,61	2019-01-05	0,30	0,20	8,90	148,970	148,909	18,6	2019-01-05	8,4	10,0	NO	-	2min	18,80			2019-01-08	B	59,5	3,7 bar	2019-01-08	B	20,2	2,0 bar	2019-01-08	B	24,6	1,0 bar	104,3
74	0+438	S	157,320	148,32	2018-12-02		0,30	9,30	149,001	148,620	19,8	2018-12-21	9,0	10,5	NO	-	2 min	18,80			2018-12-23	A,B,C,D,D+,E	2098,0	2,9 bar	2018-12-24	A,B	534,0	2,6 bar	2018-12-24	A,B,C,D	1722,0	1,5 bar	4354,0
75	0+441	T	157,257	148,56	2019-01-05	0,40	0,20	8,90	149,084	148,957	18,5	2019-01-05	8,3	10,0	NO	-	2min	18,70			2019-01-08	B	88,3	3,7 bar	2019-01-08	B	39,0	2,0 bar	2019-01-08	B	3,1	1,0 bar	130,4
76	0+444	P	157,273	148,17	2018-12-02		0,30	9,40	149,016	148,573	19,6	2018-12-13	9,1	10,2	NO	-	2min	18,50			2018-12-16	A,B,C,D,D+	2100,0	0 bar	2018-12-17	A	77,3	3,3 bar	2018-12-17	A	10,5	2,2 bar	2187,8
77	0+447	T	157,212	148,71	2019-01-05	0,40	0,20	8,70	149,060	149,112	18,3	2019-01-05	8,1	10,0	NO	-	2min	18,60			2019-01-08	B	23,2	3,7 bar	2019-01-08	B	22,6	1,9 bar	2019-01-08	B	143,1	1,0 bar	188,9
78	0+450	S	157,215	148,42	2018-12-02	0,40	0,30	9,10	149,064	148,815	19,0	2018-12-20	8,4	10,3	NO	-	2min	18,50			2018-12-23	A	59,0	4,7 bar	2018-12-23	A	73,0	2,8 bar	2018-12-23	A	9,0	1,3 bar	141,0
79	0+453	T	157,194	148,39	2019-01-05	0,50	0,20	9,00	149,190	148,894	18,5	2019-01-05	8,3	10,0	NO	-	2min	18,50			2019-01-08	B	43,6	3,7 bar	2019-01-08	B	193,6	2,0 bar	2019-01-08	B	1,1	0,9 bar	238,3
80	0+456	P	157,292	148,22	2018-12-02		0,30	9,37	149,101	148,792	19,8	2018-12-13	9,1	10,4	YES	16,1	2min	18,60	Water comming at 16,8m		2018-12-16	A,B,C,D,D+	2160,0	0 bar	2018-12-15	A,B,C,D	2100,0	0 bar	2018-12-15	A,B,C,D,D+	1075,0	0 bar	5335,0
81	0+459	T	157,281	148,78	2019-01-05	0,30	0,20	8,70	149,127	149,081	18,4	2019-01-05	8,2	10,0	NO	-	2min	18,50			2019-01-08	B	111,6	3,7 bar	2019-01-08	B	60,5	2,0 bar	2019-01-08	B	1,1	0,9 bar	173,2
82	0+462	S	157,325	148,62	2018-12-02	0,21	0,30	9,01	149,229	148,825	19,0	2018-12-20	8,5	10,2	NO	-	2min	18,40			2018-12-22	A,B,C,D,D+	1830,0	4,7 bar	2018-12-23	A	22,0	2,8 bar	2018-12-23	A	19,5	1,4 bar	1871,5
83	0+463,5	Q	157,336	149,14	2019-01-26	0,20	0,20	8,40	149,343		18,4	2019-01-27	8,0	10,0	NO	-	2min30sec	18,40			2019-02-01	B	504,8	3,9 bar	2019-02-01	B	21,3	2,2 bar	2019-02-01	B	67,6	1,3 bar	593,7
84	0+465	T	157,291	148,99	2019-01-05	0,40	0,20	8,50	149,496	149,391	18,1	2019-01-05	7,9	10,0	NO	-	2min	18,50			2019-01-07	B,C	460,0	3,7 bar	2019-01-07	B	948,0	1,9 bar	2019-01-07	B	2,6	0,9 bar	1410,6
	0+466,5	Q	157,384	149,38	2019-01-26	0,20	0,20	8,20	149,535		18,2	2019-01-28	7,8	10,0	NO	-	3min	18,20			2019-01-31	B	158,0	3,8 bar	2019-01-31	B	51,7	2,1 bar	2019-01-31	B	59,3	1,3 bar	269,0
86	0+468	P	157,344	148,25	2018-12-02	0,59	0,30	9,39	149,529	148,844	20,0	2018-12-13	8,5	11,2	NO	-	2min	19,00	Drilled 2 times, bad roc a 13m	2018-12-18	2018-12-15	A	7,0	5,5 bar	2018-12-15	A	214,0	2,6 bar	2018-12-15	A	49,3	1,9 bar	270,3
87	0+474	S	157,265	149,04	2018-12-02	0,23	0,20	8,43	149,749	149,265	18,8	2018-12-20	8,0	10,6	NO	-	2min	18,10			2018-12-22	A	30,0	4,5 bar	2018-12-22	A	105,0	3,0 bar	2018-12-22	A	18,0	1,5 bar	153,0
88	0+480	P	157,298	149,25	2018-12-02	0,15	0,30	8,35	149,726	149,398	18,8	2018-12-13	7,9	10,6	NO	-	2min	18,20			2018-12-15	A	22,4	5,5 bar	2018-12-15	A	320,0	3,8 bar	2018-12-15	A	5,5	2,1 bar	347,9
89	0+486	S	157,257	148,06	2018-12-02	0,40	0,20	9,40	149,732	148,457	20,3	2018-12-18	8,8	11,3	NO	-	2min	18,80		2018-12-27	regROUT	A	10,0	4,0 bar	2018-12-21	A	87,0	2,9 bar	2018-12-21	A	93,0	2,0 bar	190,0
90	0+492	P	157,360	149,16	2018-12-02	0,20	0,30	8,50	149,679	149,360	19,5	2018-12-12	8,0	11,2	NO	-	2min	18,90	Soft roc		2018-12-15	A	141,0	5,2 bar	2018-12-15	A	49,8	3,9 bar	2018-12-15	A	74,4	2,4 bar	265,2
91	0+495	T	157,315	148,62	2019-01-05	0,80	0,20	8,90	149,664	149,415	18,1	2019-01-05	7,9	10,0	NO	-	2min	18,10			2019-01-07	B	6,6	3,6 bar	2019-01-07	B	1,7	1,9 bar	2019-01-07	B	3,5	0,8 bar	11,8
92	0+498	S	157,374	148,87	2018-12-03	0,30	0,30	8,80	149,614	149,174	18,9	2018-12-18	8,2	10,4	NO	-	2min	18,20	First time drilled was 9,9m in the rock, redrilled at 10m.	2018-12-28	regROUT	A	1,0	3,9 bar	2018-12-21	A,B,C,D,D+	1637,0	2,9 bar	2018-12-21	A	7,0	1,9 bar	1645,0
93	0+501	T	157,303	148,60	2019-01-05	0,70	0,20	8,90	149,582	149,303	18,9	2019-01-04	8,0	10,0	NO	-	2min	18,90			2019-01-07	A	3,6	3,8 bar	2019-01-07	A	61,3	2 bar	2019-01-07	A	7,0	1,0 bar	71,9
94	0+504	P	157,276	149,08	2018-12-03	0,30	0,30	8,50	149,688	149,376	19,5	2018-12-12	7,9	11,3	NO	-	2min	18,90	Soft roc		2018-12-15	A	43,0	5,9 bar	2018-12-15	A	4,4	3,7 bar	2018-12-15	A	121,0	2,3 bar	168,4
95	0+510	S	157,257	148,96	2018-12-03	0,30	0,30	8,60	149,644	149,257	18,7	2018-12-18	8,0	10,4	NO	-	2min	18,00		2018-12-28	regROUT	A	31,0	0,9 bar	2018-12-21	A,B	468,0	3,6 bar	2018-12-21	A	140,0	2,4 bar	639,0
96	0+516	P	157,307	148,91	2019-01-05	0,40	0,30	8,70	149,952	149,307	18,3	2019-01-04	9,2	10,0	NO	-	2min	18,60			2019-01-07	A,B	466,0	3,8 bar	2019-01-07	A, B	254,0	2,1 bar	2019-01-07	A	1,2	1,2 bar	721,2
Total Grout Volume =																												87128,6					
Total Area of curtain																												3810					
Expected Curtain thickness																												3					
% porosity occupied with grout																												8					



WHALE TAIL DIKE - ROCK GROUTING - AS BUILT

[illegible]

WHALE TAIL DIKE - ROCK GROUTING - AS BUILT

P 324	2005 A,C,D 2.6 bar	5.7 A	2 A	0.9 bar
T 327	348 B		2 B	1.3 bar
S 330	539 A	6 A	12 A	1.0 bar
T 333	28.2 B	188 B	95 B	1.8 bar
P 336	2055 A,C,D,D+,E 4.4 bar	462 A,B	5 A	1.3 bar
T 339	9.4 B	386.5 B	10.1 B	1.7 bar
S 342	5.5 A	1470 A,B	2.4 A	1.2 bar
T 345	75.6 B	62.9 B	10 B	1.9 bar
P 348	2201 A,C,D	3.3 A		
T 351	29.7 B	175.5 B	175.5 B	1.3 bar
S 354	CAVED HOLE	640 A,C	9 A	1.3 bar
T 357	294.7 B	185.5 B	2.3 bar	
P 360	66 A	330 A,C	5 A	2.0 bar
S 366	30 A	18 A	6 A	1.9 bar
T 369	82.4 B	16 B	12 B	1.6 bar
P 372	1906 A,B,C,D,D+,E 4.6 bar	32 A	91 A	1.6 bar
T 375	465 B	151 B	79.3 B	1.7 bar
S 378	211 A	2448 A,C,D,D+,E 2.8 bar	3 A	1.2 bar
T 381	242 B	281.9 B	2.4 bar	
P 384	294 A	50 A	1990 A,D,D+,E 1.0 bar	
T 387	291.4 B	25.6 B	26.7 B	1.3 bar
S 390	2125 A,C,D,D+,E 4.5 bar	3 A	2.2 A	1.1 bar
T 393	53.3 B	128.3 B	3 B	1.2 bar
P 396	1675 A,C,D,D+,E 3.1 bar	325 A,D	1200 A,B,D 1.6 bar	
Q 397,5	155 B	310 B	1060 B,C 1.6 bar	
T 399	745 B,C	16.4 B	5.2 B	1.5 bar
Q 400,5	102 B	1133 B,C	0 B	1.7 bar
S 402	CAVED HOLE	25 A	1030 A,B,C 1.9 bar	
Q 403,5	119 B	125.8 B	4.1 B	1.7 bar
T 405	1105 B,C,D	118 B	48 B	2.0 bar
Q 406,5	100 B	92.3 B	102.2 B	1.7 bar
P 408	1882 A,D,D+,E 4.4 bar	6.2 A	56.9 A	1.6 bar

WHALE TAIL DIKE - ROCK GROUTING - AS BUILT

T 411	395	B, C	4.1 bar	242	B	34	1.5 bar
S 414	300	A	4.2 bar	6.5	A	4	1.1 bar
T 417	122.3	B	4.1 bar	666	B, C, D, E	2.4 bar	
P 420	2000	A, D, E	3.1 bar	2033	A, B, D, D+	2.0 bar	220 A, 1.6 bar
T 423	38.2	B	4.1 bar	104.3	B	92.9	1.4 bar
S 426	2137	A, B, C, D, D+	1.9 bar	34	A	415	1.0 bar
T 429	6.8	B	3.8 bar	7.5	B	871	1.2 bar
P 432	2064	A, D, D+	1.1 bar	6.1	A	6	1.5 bar
T 435	58.5	B	3.7 bar	20.2	B	24.6	1.0 bar
S 438	2088	A, B, C, D, D+, E	2.8 bar	534	A, B	1722	1.5 bar
T 441	88.3	B	3.7 bar	38	B	3.1	1.0 bar
P 444	2100	A, B, C, D, D+	0 bar	77.3	A	10.5	2.2 bar
T 447	25.2	B	3.7 bar	22.6	B	146.1	1.0 bar
S 450	59	A	4.7 bar	73	A	9	1.3 bar
T 453	45.6	B	3.7 bar	193.6	B	1.1	0.9 bar
P 456	2160	A, B, C, D, D+	0 bar	2100	A, B, C, D, D+	1075	0 bar
T 459	111.6	B	3.7 bar	60.5	B	1.1	0.9 bar
S 462	1830	A, B, C, D, D+	4.7 bar	22	A	19.5	1.4 bar
Q 463.5	584.8	B	3.9 bar	21.3	B	67.6	1.3 bar
T 465	460	B, C	3.7 bar	948	B	2.6	0.9 bar
Q 466.5	158	B	3.8 bar	51.7	B	58.3	1.3 bar
P 468	7	A	5.5 bar	214	A	49.3	1.9 bar
S 474	30	A	4.5 bar	105	A	18	1.5 bar
P 480	22.4	A	5.5 bar	320	A	5.5	2.1 bar
S 486	10	A	4.0 bar	87	A	93	2.0 bar
P 492	141	A	5.2 bar	49.8	A	74.4	2.4 bar
T 495	6.6	B	3.6 bar	1.7	B	3.5	0.8 bar
S 498	1	A	3.8 bar	1637	A, B, C, D, D+	7	1.9 bar
T 501	3.6	A	3.8 bar	61.3	A	7	1.0 bar
P 504	43	A	5.9 bar	4.4	A	121	2.3 bar
S 510	31	A	0.9 bar	468	A, B	140	2.4 bar
P 516	466	A, B	3.8 bar	254	A, B	1.2	1.2 bar

Appendix L

RFIs List

As-Built Report of Whale Tail Dike		Original -V.00
2019-03-20	658309-0000-56ER-0001	Technical Report

RFI #	Date Received	Date Responded	Status	Subject	Location/Address	Notes
RFI-001	2018-06-15	2018-07-27	No Objection	Interlocking in the Secant string by Primary, Secondary and Tertiary Piles	Cut-Off Wall	Per Section 4.4.3.9 of Specification, no tertiary piles were defined and secondary piles were to be bored into primary piles. The contractor work plan indicated the use of tertiary piles. A deviation from Specification standard method was allowed.
RFI-002	2018-08-17	2018-08-17	Approved	Placement of Coarse Filter (CF) Between Frozen Soil and Fine Filter	0+740 to 0+774	Coarse filter materials already placed between fine filter and frozen soil (Section HH of Drawing). The min 2.5 m fine filter material width from centerline of secant pile is still maintained and approval was made since no compromise was expected from this deviation.
RFI-003	2018-08-16	2018-08-17	Approved Conditionally	Change in Sequence and Thickness of Fill Placement	~ 0+350	AEM/KCG intention to perform the fill placement in certain sequence and a 2m thickness instead of 1.5 m for efficiency in the fieldwork considering the narrowness of the area near Section FF. Approved with the condition to supervise the fill placement thoroughly.
RFI-004	2018-08-18	2018-08-19	Approved with Correction	Adding CF in U/S and Extending CF in D/S	0+120 to 0+135	AEM suggested to raise the Coarse Filter 1.2 m (above the natural ground) to 157masl instead of rockfill placement. This change in Section DD had no design impact and accepted after modifying the suggested CF slopes near Section DD.
RFI-005	2018-08-24	2018-08-25	Agreed "As Is"	Thickness of CF Materials Less than Specification Requirement	~0+753 to ~0+767	Per surveyor's as-built results, the thickness of upstream coarse filter layer did not meet the requirements. To facilitate construction progress, this non-conformance was accepted "as is" because the variation in the CF materials thickness is not expected to jeopardize the stability of the dike in this area and its effect in the overall seepage would be minimal.
RFI-006	2018-08-24	2018-09-05	As-Built Approved	Modification of Dike Cross-Section in Segment with Deeper Bedrock	0+355 to 0+385	Deeper bedrock in Section HH required alterations in the dike cross-section profile, which was applied by surveyor after QA feedback on-site.
RFI-007	na	2018-08-16	AEM-KCG Decision	Excavation Instead of Blasting	0+700 to 0+830	The area was stripped as the soil was easy to excavate compared to earlier expectation of hard frozen ground near Sections GG and II
RFI-008	2018-08-27	2018-08-27	Approved	Secant Pile Start from 0+088.75 based on Surveyed Bedrock Elevation	0+088.75 to East	Edge of first casing was at 88.25 and pile numbering started from this location. Details 3, Drawing 651298-2500-4G-DD-0007-01
RFI-009	na	2018-08-31	Approved	Excavation Ended at 0+830	0+772 to 0+843	Excavation halted at 0+830 due to bedrock above El. 157 m. Menard adjusted accordingly - no Dynamic Compaction beyond 0+830
RFI-010	2018-08-27	2018-08-27	Approved	Start Secant Pile Installation with 0.8 m Spacing instead of 0.75 m	0+90 to 0+190	With 50 mm and 0.75% tolerances, in the extreme allowable cases, the 0.8 m spacing could not create a gap between adjacent piles in the FF zone and is acceptable - Start with 0.8 m at West Abutment and spacing to be reduced for deeper sections
RFI-011	na	2018-09-05	Approved	Slurry Trench Sides Sloped Instead of Vertical Sides	0+065 to 0+089.7	A slope of ~ 1H:1V implemented for the slurry trench in the west abutment, instead of vertical sides shown in Section CC of the design drawing. QA not present but assessed the density of side slopes through spot checks after the slope profiling.
RFI-012	2018-09-10	2018-09-12	Approved	~ 1m Deeper Secant Piles in Uncertain Permafrost Zone	0+500 to 0+600	The proposal by QA for deeper piles, based on comparisons between as-built and predicted bedrock El, was approved by AEM as it had minimal impact on the contingency margin at the time.
RFI-013	2018-09-10	2018-09-12	Approved	~ 0.8m Deeper Secant Piles Due to Uncertainties in Bedrock El.	0+710 to 0+727	The proposal by Designer for deeper piles (~0.8 m) in this area, because the as-built bedrock provided by the surveyor during excavations is above the predicted bedrock El and not convinced that bedrock was reached, was approved by AEM as it had minimal impact on the contingency margin at the time.
RFI-014	2018-09-11	2018-09-16	Conditional Approval	Temporarily No Admixture in CB Slurry Mixes	Piles Backfilled Prior to Sep 25, 2018	Slurry mixes prepared without lignosulfonate admixture until batch plant system is fixed. Advice was made that if the time for placement of slurry into piles took longer than gelation time, a thinner slurry would be required to assure piles are backfilled before slurry starts to jellify.
RFI-015	2018-09-16	2018-09-25	-	AEM Waived Requirement for Viscosity Measurement On-site.	Piles Backfilled Prior to Sep 25, 2018	Marsh readings are essential to monitor viscosity of the mix including the gel time. Slurry placement should be completed before gelation occurs. Slurries poured in piles since September 16, 2018 show a noticeably higher viscosity. Marsh readings were resumed from Sep 25, 2018.
RFI-016	2018-09-04	2018-10-09	Approved	Modified Test Frequency Program for Controls on CB Mix.	Production Work - Secant Piles	KCG/AEM proposed modifications on Appendix 2 of Specification, dated July 4, 2018 was revised and approved by Designer based on actual site conditions/logistics. Agreed modifications were sent to AEM (Memo 002) and then applied in the revised technical specifications, dated Jan 23,

RFI #	Date Received	Date Responded	Status	Subject	Location/Address	Notes
						2019.
RFI-017	2018-08-07	2018-10-14	Approved	Pile Spacing and Its Rationalization for Secant Piles	Cut-Off Wall	Pursuant to Section 4.4.3 of Specification, Henry Drilling proposed a pile spacing of 0.75 m in the submittal/work plan. A memo issued by Designer on implications of the pile spacing on the continuity of wall (to be included in the as-built).
RFI-018	2018-09-28	2018-09-28	Approved	Use of ASTM C940 for Bleeding Test instead of API 13B	Cut-Off Wall and Curtain Grouting	The API 13B, recommended in design report, is withdrawn or may not be accessible. ASTM C940 can be used as an alternative.
RFI-019	2018-09-30	2018-10-01	Not Approved	Suggestion for Drilling Tertiaries After 4 days, Instead of Testing for 50 kPa	Piles Installed after Sep 30	Considering variations that could occur in the field during mix preparation, inaccuracies in the weighing system and amount of admixture at this stage - there is no guarantee that the backfill strength would gain a strength of > 50 kPa after a certain time. Following Specification Section 4.4.3.9 by conducting a UCS test is still a good practice.
RFI-020	2018-10-01	2018-10-01	Approved	Clarification/Change on Section 4.4.3.9 of Specifications.	All Secant Piles	It was "The secondary piles shall not be bored into the primary piles unless the CB reaches the specified minimum early strength of 50 kPa UCS". It is now changed to "The tertiary piles shall not be bored into the primary and secondary piles unless the CB backfill reaches the specified minimum early strength (UCS) of 50 kPa"
RFI-021	2018-10-11	na	Contractor's Submittal	Cement Reduction in CB Slurry Mix Proportions	All Piles Since Oct 9, 2018	Per Specification Section 4.3.6, Contractor shall submit its CB mix design to QA for approval prior to beginning of the Work. No submittal was provided for the slurry with reduced cement (317 kg/m3 Cement instead of ~ 350 kg/m3) but the QC tests during production was used to verify the new slurry mix properties.
RFI-022	2018-10-15	2018-10-15	Approved	Depth Tertiary Piles Determined Equal to the Deepest of 2 Adjacent Piles	All Tertiaries since Oct 15	Due to difficulties in realizing actual bedrock elevation during drilling tertiary piles, this deviation was accepted instead of drilling > 1 m below the actual bedrock (Section 4.4.3.5 of Specification).
RFI-023	2018-11-01	2018-11-01	Accepted "As Is"	Minimal Number of Sockets Slightly Less than 1.0 ± 0.1 m	Small Number of Piles, e.g. #599	After seating of casing in bedrock and cleaning of the socket, a one meter long socket shall be formed. The tolerance on lines and grades is 0.1 m. (Sections 4.4.3.5 and 2.8 of Specification). A slightly more tolerance was agreed to save time and cost for DTH rig re-mobilization.
RFI-024	2018-11-05	2018-11-05	Approved	No Need for ~ 1m Deeper Secant Piles in Uncertain Permafrost Zone	0+500 to 0+600	The earlier arrangement for 2 m rock sockets instead of 1 m (see RFI-012) was not found applicable after few piles were drilled with 2 m sockets. AEM decided to maintain the original socket depth of 1 m.
RFI-025	2018-11-01	2018-11-16	Design Modification	Last Pile in East Abutment at Station 0+832	0+810 to 0+832	At 0+825 the cut-off is at Operational Water Level (El. 156.0 m). Designer recommended to add short piles anchored in till up to Station 0+832 m to finalize the Eastern section at elevation 157.0 m.
RFI-026	2018-10-24	2018-11-25	Agreed	2 m Rock Sockets instead of 1 m per MDRB Recommendation	0+710 to 0+772	Further to a recommendation by MDRB to increase the rock socket depth in the east abutment. Originally it was intended to apply this from 0+710 to 0+772, however, the primaries and secondaries had already been installed in part of this area and the 2 m sockets were implemented effective from 0+740 to 0+772
RFI-027	2018-11-24	2018-11-27	Agreed	Grout Curtain Offset of 0.7 m (U/S) from Center of Cut-off Wall	0+180 to 0+730	AEM proposal is understood to be based on the AEM-MDRB discussions that coring through cut-off wall could damage the wall. SNC agreed to proceed with 0.7 m offset with a notation on potential risk of seepage bypass through the offset zone. The change will also take away the chance of having confirmatory coring in the cut-off wall.
RFI-028	2018-11-29	2018-11-29	Agreed	Grout Holes (U/S) Drilled Vertical	0+180 to 0+730	Following the RFI-027, the modified design/drawings specified grout holes with inclination 3%-4% to intersect the base of cut-off wall and maintain continuity between the cut-off wall and grout curtain. AEM believed inclined holes could still damage the wall and advised to have grout holes drilled vertically.
RFI-029	2018-12-07	2018-12-10	Agreed	Grout Curtain Extends 10 m below Bedrock Surface	0+180 to 0+730	In original design, the grout curtain extended 10 m below the bottom of the cut-off wall. Per AEM request, the grout curtain was extended 10 m below the bedrock surface instead of below the rock socket bottom, i.e. the curtain is shortened 1 m to ~ 3.5 m

RFI #	Date Received	Date Responded	Status	Subject	Location/Address	Notes
RFI-030	2018-11-27	2018-12-01	-	Longitudinal Extension of Grout Curtain from 0+180 to 0+516	0+180 to 0+516	AEM wanted to stop grouting at Station 0+516 instead 0+ 730 that was suggested by SNC on Nov 27, 2018. The strategy was to step a bit in the permafrost zone and during the injection assess the need for more casing drilling towards the east based on grout takes. No evidence available, if such an assessment was done.
RFI-031	2019-18-01	2019-01-28	Agreed	Eight Quaternaries only	0+180 to 0+516	Per Section 5.5.5.11 - Quaternary holes would be on an if required basis. Initially AEM did not approve proceeding with quaternary holes, regardless of grout takes in tertiaries. However, after a SNC-AEM meeting (Jan 18) considering the time constrains, grouting of Q397.5, Q400.5, Q403.5, Q406.5, Q463.5, Q466.56 quaternaries met AEM approval. Q199.5, Q202.5 were added later by AEM, making a total of 8 quaternaries .
RFI-032	2018-12-28	2019-01-03	-	No Downstage Grouting for Curtain Grouting Except for Two Holes	0+180 to 0+516	QA required downstage grouting of holes when the holes caved-in during drilling in the fractures zones, which did not meet AEM approval. Nevertheless, downstage grouting was partially implemented in S-402 and S378 .
RFI-033	2019-01-06	2019-01-07	Specification Modification	Refusal Criterion		Section 5.5.5.16 was modified from "less than 5 litres per minute per 5 m of stage length, measured over a 10 minute period" to "1 to 3 litres per minute over a 5 minute period at target pressure", regardless of stage length.
RFI-034	na	2018-08-08	Agreed	Using Coarse Filter Materials instead of Rockfill	West Abutment	According to specifications, the esker had to be excavated up to El. 153.0 m and the initial rockfill platforms made to El. 154.0 m. Since the platform elevation was modified from 154.0 m to 153.5 m, the rockfill with particles between 0.5 m and 1 m, was no longer suitable for a 0.5 m thick fill. AEM decided to place coarse filter instead of rockfill.
RFI-035	na	2018-08-08	Agreed	Excavation of 2.5 m Ice - More than Expected in Design	0+750 to 0+820	The ice was about 2.5 m thicker in the east abutment than initially proposed. AEM decided to remove ice. Coarse filter was placed on the downstream natural ground slope as a protective layer against thawing of ice-rich till. A narrower trench of 10 m (5 m from each side of the centerline) compared to 15 m was executed.
RFI-036	na	2018-08-15	Agreed	Coarse and Fine Filter Zones in Dike Cross-Section	0+355 to 0+370	Coarse filter placement from Stations 0+355 to 0+370 or (355 to 385) was modified due to deeper than expected excavation in poor bedrock (to El. 144). To maintain the same slope angles, dike dimensions had to be changed at this location.
RFI-037	na	2018-10-10	Agreed	Core Barrel used to Drill Rock Socket	Some Piles Since Oct 3, 2018	Henry Drilling employed core barrel as an alternative method for socket drilling to avoid significant slurry loss near casing shoe elevation and also as a backup when DTH did not work. Core barrel was used to drill approximately 1 m into bedrock and DTH hammer was then used to clean the socket. QA/AEM agreed with the change provided that the socket is cleaned satisfactorily.
RFI-38	na	2018-11-28	Agreed	Piles with No Rock Sockets	0+826 to 0+832	No rock sockets were required due to presence of frozen till, encountered during stripping of the foundation. Hence Piles 967-975 are without rock sockets.
RFI-039	na	2019-01-31	Agreed	No WPT/Check Holes and No more Quaternary Holes	0+180 to 0+516	AEM decided not to add any further hole for WPT and/or grouting and cancelled previously planned WPT in Q-406.5 and Q-466.5 due to time constrains.
RFI-040	2019-02-10	2019-02-22	-	Placement of Final Lift from El. 157 to El. 159	Entire Dike	Design recommendation was to place the final lift before the freshet (March-April) to reduce the potential freeze-thaw cycles and prevent local disturbance of the CB backfilled piles. AEM placed ~ 1 m of aggregate in the end of Jan 2019 and final lift to be executed during May-June, 2019.
RFI-041	2018-07-04	2018-12-23	Specification Modification	Circulation of Grout Mixes for Over 2 Hrs	Grout Curtain	Per Section 5.5.5.13 a grout batch, which has been in circulation for over 2 hours is not suitable for injection and shall be disposed of. This requirement was waived. QC/QA controlled other properties of grouts, i.e. set time (~ 5 hrs), continous agitation, temperature, viscosity and density.
RFI-042	2018-07-04		-	No Grouting If Temperature of Rock Below 0 °C.	0+180 to 0+730	Per Section 5.5.5.5, no grouting shall take place if the temperature of the rock to be grouted is below 0°C. No confirmation of temperature of the foundation was carried out to assess the groutability of the foundation rock and the limit of the grout curtain.

Appendix M

Quality Control Grout Curtain Register

As-Built Report of Whale Tail Dike		Original -V.00
2019-03-20	658309-0000-56ER-0001	Technical Report

GROUT SAMPLES REGISTRER

NUMBER	LOCALISATION		Type of mix	SAMPLING DATE	SAMPLING HOUR	QC REPRESENTATIVES		Notes	Unmoulding date and time	First 24h of curing Temperature (°C)		Location of the first 24h of curing	7 days break due date	28 days due date
	Grout Hole #	Stage				TECH	SHIFT			Minimum	Maximum			
GR-WTD-001	-	-	A	2018-12-12	9h35	Maxime	Day	Trial Mix - Need to be redo	12-13-18 8:00 AM	11,6	31,4	Injection Unit In a Cooler	2018-12-19	2019-01-09
GR-WTD-002	-	-	B	2018-12-12	10h00	Maxime	Day	Trial Mix					2018-12-19	2019-01-09
GR-WTD-003	-	-	A + Cold Weather Admixture	2018-12-12	10h25	Maxime	Day	Trial Mix - Need to be redo					2018-12-19	2019-01-09
GR-WTD-004	-	-	C	2018-12-13	15h25	Maxime	Day	Trial Mix C	12-14-18 4:00 PM	5,1	21,3	Injection Unit In a Cooler	2018-12-20	2019-01-10
GR-WTD-005	-	-	D	2018-12-13	16h05	Maxime	Day	Trial Mix D					2018-12-20	2019-01-10
GR-WTD-006	504	3	A	2018-12-15	8h45	Maxime	Day	-	12-16-18 4:00 PM	4,8	31,2	Injection Unit In a Cooler	2018-12-22	2019-01-12
GR-WTD-007	456	1	C	2018-12-16	10h15	Maxime	Day	-	12-17-18 6:00 AM	16,4	16,8	Office In a Cooler	2018-12-23	2019-01-13
GR-WTD-008	510	1	A	2018-12-21	9h05	AOD	Day	-	12-22-18 10:00 AM	17,5	22,5	In the lab	2018-12-28	2019-01-18
GR-WTD-009	498	2	C	2018-12-21	10h43	AOD	Day	-	12/22/2018 11h30 AM	17	22,5	In the Lab	2018-12-28	2019-01-18
GR-WTD-010	462	1	B	2018-12-22	14H18	AOD	Day	-	12/23/2018 3h00 PM	17,5	25,5	In the lab	2018-12-29	2019-01-19
GR-WTD-011	438	1	E	2018-12-23	11H53	AOD	Day	-	12/24/2018 12H00 PM	16,8	24,5	In the lab	2018-12-30	2019-01-20
GR-WTD-012	288	1	A	2018-12-29	10H35	AOD	Day	-	12/30/2018 10H35 AM	18,5	25,7	In the lab	2019-01-05	2019-01-26
GR-WTD-013	342	2	A	2019-01-01	10h00	Maxime	Day	Bleeding is higher than 5% after 2 hours (7.78%)	01/02/2019 9H00 AM	10,8	17,3	Lab, in a cooler	2019-01-08	2019-01-29
GR-WTD-014	294	1	B	2019-01-02	14h55	Maxime	Day	-	01/03/2019 5H15 PM	14,7	18,7	Lab, in a cooler	2019-01-09	2019-01-30
GR-WTD-015	294	1	C	2019-01-02	15h10	Maxime	Day	-	01/03/2019 5H15 PM	14,7	18,7	Lab, in a cooler	2019-01-09	2019-01-30
GR-WTD-016	204	1	D	2019-01-05	8h15	Maxime	Day	Vicat initial set time = 330 minutes	01/06/2019 9H30 AM	12,9	20,1	Lab, in a cooler	2019-01-12	2019-02-02
GR-WTD-017	180	3	A + Cold Weather Admixture	2019-01-05	11h10	Maxime	Day	20 kg of ciment less in the batch	01/06/2019 9H30 AM	12,9	20,1	Lab, in a cooler	2019-01-12	2019-02-02
GR-WTD-018	447	3	B	2019-01-08	11h25	Maxime	Day	-	01/09/2019 2H30 PM	13,3	20,1	Lab, in a cooler	2019-01-15	2019-02-05
GR-WTD-019	429	3	C	2019-01-09	8h50	Maxime	Day	-	01/10/2019 2H30 PM	11,2	23,3	Lab, than the office, in a cooler	2019-01-16	2019-02-06
GR-WTD-020	339	2	B	2019-01-16	14h30	Cédrick	Day	Vicat initial set time = 458 minutes	01/16/2019 2H30 PM	12,5	23,1	Lab, in a cooler	2019-01-23	2019-02-13
GR-WTD-021	234	1	C	2019-01-19	7h30	Cédrick	Day	Vicat initial set time = 429 minutes	01/19/2019 7H30 AM	13,5	22,5	Lab, in a cooler	2019-01-26	2019-02-16

FRESH GROUT TESTS & INFORMATION																										
General Information				Grout											Water			Cement He		Conditions		Sample				
Date	# Hole	Stage	Type of MIX	Time of test (hh:mm)	Specific Gravity (Mud Balance) (g/cm³)	Viscosity (Marsh Cone) (sec.)	Temp. (°C)	Cohesion Test (Lombardi Plate)		Bleeding at 2 hours			Vicat Needle (Method A - ASTM C191-13)		Clearness (C or NC)	Temp. (°C)	Ph	Storage conditions (C or NC)	Temp. (°C)	Outdoor Temp. (°C)	Indoor Temp. (°C)	Time (hh:mm)	Sample Number	Tech.	Notes	
								Cohesion, C (Pa)	Relative Cohesion, Cr (mm)	Expansion (%)	Final Bleeding (%)	Bleeding #	Initial Set Time (min.)	Final Set Time (min.)												Vicat test #
2018-12-12	-	-	A	9h30	1,665	34	18,6	-	-	-3,75	3,8	1	-	-	-	C	13,9	6,30	C	18,1	-11	10	9h35	GR-WTD-001	Max	Trial Mix A - The Grout was not homogenous, probably due to the admixture
	-	-	B	9h50	1,630	38	20,1	-	-	-2,2	1,1	2	-	-	-	C	-	-	C	-	-11	10	10h00	GR-WTD-002	Max	Trial Mix B
	-	-	A + Cold Weather	10h20	1,640	36	16,7	-	-	-5,1	4,5	3	-	-	-	C	12,6	-	C	7	-11	20	10h25	GR-WTD-003	Max	Trial Mix A + C.W.A - The Grout was not homogenous, probably due to the admixture
	-	-	A	10h45	1,645	36	16,8	-	-	-	-	-	-	-	-	C	-	-	C	-	-11	15	-	-	Max	Trial Mix A
2018-12-13	-	-	C	15h20	1,680	77	19,9	12,0	0,71	-1,23	0,6	4	-	-	-	C	7,6	-	C	18,0	-10	18	15h25	GR-WTD-004	Max	Trial Mix C
	-	-	D	15h00	-	75	-			-	-	-	-	-	-	C	-	-	C	-	-10	18	-	-	Max	Trial Mix D
	-	-	D	16h00	1,700	72	22,3	13,0	0,76	-1,16	0,6	5	-	-	-	C	-	-	C	-	-10	18	16h05	GR-WTD-005	Max	Trial Mix D
2018-12-15	504	3	A	8h40	1,660	36	18,0	3,0	0,18	-1,9	1,9	6	-	-	-	C	9,2	-	C	24	-17	15	8h45	GR-WTD-006	Max	-
2018-12-15	480	1	A	14h40	1,635	35	21,9	-	#VALEUR!	-	-	-	-	-	-	C	15,3	-	C	12	-17	10	-	-	Max	-
2018-12-16	456	1	D	9h07	1,665	81	10,3	-	#VALEUR!	-0,63	0,6	7	-	-	-	C	15	-	C	10	-24	10	-	-	Max	-
	456	2	B	10h05	1,645	43	10,2	10	0,61			-	-	-	-	C	-	-	C	-	-24	15	-	-	Max	-
	456	2	C	10h15	1,660	133	9,5	-	#VALEUR!	0	0,6	8	-	-	-	C	-	-	C	-	-24	15	10h15	GR-WTD-007	Max	-
	456	2	D	11h05	1,650	146	11,3	12	0,73			-	-	-	-	C	7	-		5	-24	15	-	-	Max	-
	456	3	B	14h15	1,680	50	12,3	-	#VALEUR!	-2,22	2,2	9	-	-	-	C	8,6	-		4	-24	10	-	-	Max	-
	444	1	B	15h25	1,610	39	10,7	-	#VALEUR!	-2,2	2,2	10	-	-	-	C	5,6	-		2,5	-24	10	-	-	Max	-
	444	1	D	16h05	1,645	< 180	10,2	-	#VALEUR!	-	-	-	-	-	-	C	9,8	-		5	-24	10	-	-	Max	This batch had not been well mixed.
2018-12-18	408	1	D	8h49	1,635	98	12,5					-	-	-	-	C	6,9				-28	18,5			AOD	
	408	1	D	9h12	1,630	64	14,3					-	-	-	-	C	7,1	-			-28	18,3			AOD	
	396	1	A	14H45	1,640	40	11,8			-3,61	2,4	11	-	-	-	C	6,3	-			-28	15,8			AOD	
	384	1	D	15H02	1,690	148	8,3					-	-	-	-	C	5,8				-28	15,9			AOD	
	384	1	D	15H48	1,675	>180	10,4					-	-	-	-	C	5,9				-28	12,4			AOD	
2018-12-19	432	2	A	9H44	1,665	35	17,1	2,5	0,15			-	-	-	-	C	7,8		C	-7,5	-25	10,8			AOD	
	420	2	B	10H40	1,665	30	11,6	6,8	0,41			-	-	-	-	C	6,9		C	-8,5	-25	18,1			AOD	
	420	3	D	11H03	1,705	141	11,2	22,5	1,32			-	-	-	-	C	7,3		C	-9,3	-25	19			AOD	
	408	2	A	14H00	1,660	36	17,3	2,5	0,15	-4,61	3,3	12	-	-	-	C	7		C	-5,7	-25	18,5			AOD	
	396	-	D	15H10	1,715	>180	15,5	22,5	1,31			-	-	-	-	C	8,1		C	-6,5	-25	13,6			AOD	
2018-12-20	372	1	D	9H42	1,660	>180	13,5	22,5	1,36			-	-	-	-	C	9		C	-9,5	-32	19,7			AOD	
	372	1	D+	10H30	1,640	>180	13,0	22,5	1,37			-	-	-	-	C	9,3		C	-7,5	-32	20,7			AOD	
	372	3	A	13H55	1,655	40	12,7	2,5	0,15			-	-	-	-	C	8,3		C	-6,3	-32	17,4			AOD	
2018-12-21	360	2	A	15H43	1,620	37	14,8	2,5	0,15	-2,25	2,3	13	-	-	-	C	7,7		C	-6	-32	19,5			AOD	
	510	1	A	9H05	1,655	37	14,3	2,5	0,15	-3,61	3,6	14	-	-	-	C	9,3		C	3,2	-30	15,6	9h05	GR-WTD-008	AOD	
	510	2	B	9h20	1,610	39	14,6	2,5	0,16			-	-	-	-	C	9,5		C	4,5	-30	15,7			AOD	
	498	2	B	10H30	1,630	40	13,8	2,5	0,15			-	-	-	-	C	8		C	3	-30	20,9			AOD	
	498	2	C	10H43	1,710	170	14,0	22,5	1,32	-1,02	1,0	15	-	-	-	C	8,5		C	2,8	-30	19,5	10h43	GR-WTD-009	AOD	
	498	2	D	12H03	1,620	73	14,3	22,5	1,39			-	-	-	-	C	9,1		C	3,1	-30	19,3			AOD	
2018-12-22	462	1	A	13H32	1,640	37	16,5	3	0,18	-3,61	2,4	16	-	-	-	C	8,8		C	20,5	-30	23,5			AOD	
	462	1	B	14H06	1,690	48	14,2	10	0,59			-	-	-	-	C	8,6		C	3,4	-30	22,3			AOD	
	462	1	B	14H18	1,665	44	15,0	6,8	0,41	-1,17	1,2	17	-	-	-	C	8,9		C	3,8	-30	22,1	14H18	GR-WTD-010	AOD	
2018-12-23	438	1	C	11H00	1,650	89	17,0	21,25	1,29	0	0,0	18	-	-	-	C	9,1		C	4,3	-31	17,5			AOD	
	438	1	D	11H14	1,680	172	17,5	22,5	1,34	0	0,0	19	-	-	-	C	9		C	4,3	-31	17,5			AOD	
	438	1	E	11H53	1,800	>180	19,8	22,5	1,25	0	0,0	20	-	-	-	C	8,3		C	3,6	-31	19,8	11H53	GR-WTD-011	AOD	
	426	1	A	14H00	1,675	39	15,5	5	0,30			-	-	-	-	C	7,6		C	8,1	-31	26,7			AOD	
	426	1	B	14H17	1,660	40	12,6	4,5	0,27			-	-	-	-	C	9,5		C	8	-31	21,6			AOD	
	426	1	B	14H31	1,625	41	11,8	5	0,31			-	-	-	-	C	9,3		C	8,2	-31	18,5			AOD	
	426	2	A	7H54	1,680	37	19,2	22,5	1,34	-5,15	5,2	21	-	-	-	C	9		C	10,5	-31	20,7			AOD	
2018-12-24	426	3	C	8H55	1,720	120	18,1	22,5	1,31			-	-	-	-	C	9,10									

2018-12-30	252	1	A	8H49	1,670	39	20,3				-	-	-	-	C	8,6		C	24,5	-36	16,5				AOD		
	402	2	A	13H47	1,665	41	20,1				-	-	-	-	C	8,6		C	23	-36	18,5				AOD		
	390	1	F	16H11	1,760	>22	17,8				-	-	-	-	C	8,3		C	24,5	-36	18,4				AOD		
2019-01-01	354	1	A	7h15	1,655	27	18,5		-12,33	12,3	32	-	-	-	C	9,7		C	28	-25	20				Max	The Marsh Funel Cone been changed due to it's damages (getting old).	
	354	1	C	8h00	1,670	117	19,0		-2,2	2,2	33,0	-	-	-	C	10		C	28	-25	20				Max		
	342	2	A	10h00	1,660	28	16,5		-7,78	7,8	34		583	-	1					-25	18	10h15	GR-WTD-013	Max			
	342	2	B	10h55	1,635	34	14,0		-3,3	2,8	35,0	-	-	-	C				-10	-25	19				Max		
2019-01-02	306	1	A	13h10	1,695	30	18,6		-6,67	6,7	36	-	-	-	C	16,1		C	27	-30	25				Max	The water supply changed. It is now from the underground mine supply.	
	306	2	A	13h40	1,670	28	14,6		-6,18	5,1	37	-	-	-	C	16,4		C	4	-30	25				Max		
	294	1	B	14h55	1,645	33	14,5		-2,53	2,5	38,0	-	-	-	C	15,3		C	10	-30	30	14h55	GR-WTD-014	Max			
	294	1	C	15h10	1,655	59	21,2		-	-	-	-	-	-					-30	35		15h10	GR-WTD-015	Max			
2019-01-03	270	2	A	13h40	1,665	29	17,0		-7,59	7,6	39	-	-	-	C	18		C	12	-25	30				Max		
	270	2	B	14h05	1,660	33	22,4		-3,33	2,2	40	-	-	-	C	18,7		C	22,5	-25	30				Max		
2019-01-04	240	1	A	7h30	1,680	28	33,8		-6,7	6,2	41		375		2	C	28		C	30,5	-32	30				Max	
	228	1	A	8h50	1,680	27	29,5		-	-	-	-	-	-	C	22		C	34,5	-32	30				Max		
	-	-	A	13h30	1,670	27	28,3		-7,6	7,6	42	-	-	-	C	23,6		C	19,5	-30	15				Max	Mix time been increased to see if it changes the bleeding. It seems that ther's no effect.	
2019-01-05	204	1	D	8h15	1,695	90	32,1		-0,8	0,8	43		330	-	3	C	31,7		C	29,8	-30	20	8h15	GR-WTD-016	Max	Cold Weather Admixture have been add in the agitator thank just before to grout the hole. The batcher forgot to put one bucket of ciment (20 kg less than suppose) The batcher forgot to put one bucket of ciment (20 kg less than suppose)	
	192	3	A	9h25	1,645	34	22,8		-	-	-	-	-	-	C	21,2		C	17,6	-30	20				Max		
	192	3	A + CWA	10h20	1,610	34	25,1		-	-	-	-	-	-	C	25		C	5	-30	20				Max		
	180	3	A + CWA	11h10	1,610	27	24,0		-8,9	8,9	44	-	-	-	C	25,5		C	3	-30	20	11h10	GR-WTD-017	Max			
2019-01-07	516	2	B	8h30	1,700	34	17,0		-3,3	2,2	45		305	-	4	C	15		C	21	-35	25				Max	
	495	1	B	14h50	1,655	32	22,4		-	-	-	-	-	-	C	18,8		C	22,2	-35	20				Max		
2019-01-08	447	3	B	11h25	1,650	31	23,0		-6,1	4,9	46	-	-	-	C	15,4		C	26,1	-37	20	11h25	GR-WTD-018	Max			
	435	1	B	15h25	1,665	32	24,5		-	-	-	-	-	-	C	18,5		C	14	-37	25				Max		
2019-01-09	429	3	B	8h25	1,665	32	24,5		-	-	-	-	-	-	C	21,5		C	18,5	-35	20				Max		
	429	3	C	8h50	1,660	56	22,0		-1,1	1,1	47		331	-	5					-35	20	8h50	GR-WTD-019	Max			
	429	3	E	9h30	-	>180	22,0		0	0	48	-	-	-	-					-35	20				Max		
	417	2	C	16h20	1,685	70	22,0		-	-	-	-	-	-	C	18,2		C	17,7	-35	20				Max		
2019-01-10	405	1	C	14h35	1,675	74	21,3		-	-	-	-	-	-	-					-35	20				Max		
	405	1	D	15h25	1,705	>180	20,8		-	-	-	-	-	-	C	18,1		C	16,9	-35	20				Max		
2019-01-11	267	3	B	13h55	1,705	37	20,4		-	-	-	-	-	-	C	17,4		C	12,5	-35	25				Max		
	204	3	B	15h00	1,680	34	24,8		-	-	-	-	-	-	C	20,5		C	18,2	-35	25				Max		
	399	1	B	16h35	1,680	33	26,7		-2,7	2,7	49	-	-	-	-					-35	25				Max		
	399	1	C	16h50	1,685	59	22,1		-	-	-	-	-	-	C	19,6		C	17	-35	25				Max		
	399	1	C	17h30	1,675	72	22,6		-	-	-	-	-	-	C	18,2		C	17,8	-35	25				Max		
2019-01-13	393	2	B	15h00	1,670	34	10,6		-3,3	3,3	50	-	-	-	C	11,5		C	3,1	-20	25				Max		
2019-01-14	381	1	B	09:20	1,640	46	7,7			1,3	50	-	-	-	C	12,2			2,5	-38	21				MDJ		
	375	1	B	14:00	1,665	32	13,5		-	-	-	-	-	-	C	12,5				-38	21				MDJ		
	375	1	B	14:20	1,665	32	17,6		-	-	-	-	-	-	C	15,8				-38	21				MDJ		
	375	1	B	14:40	1,665	31	19,8		-	-	-	-	-	-	C	15,2				-38	21				MDJ		
	375	2	B	15:10	1,660	32	14,8		-	-	-	-	-	-	C	13,2				-38	21				MDJ		
	375	3	B	15:45	1,665	33	14,3		-	-	-	-	-	-	C	12,8				-38	21				MDJ		
2019-01-15	357	1	B	10h00	1,680	34	7,6		-	-	-	-	-	-	C	13,5		C	12,8	-40	20				C.F.T		
	357	1	B	10H15	1,670	42	7,4		-3,78	3,78	51	-	-	-	C	14,5		C	13,4	-40	20				C.F.T		
	357	2&3	B	15H30	1,650	34	12,6		-	-	-	-	-	-	C	15,2		C	15,6	-40	20				C.F.T		
	351	1	B	16H15	1,660	38	13,8		-	-	-	-	-	-	C	14,6		C	5,6	-40	20				C.F.T		
2019-01-16	351	2	B	6h45	1,650	33	16,3		-	-	-	-	-	-	C	16,1		C	16,3	-33	23				C.F.T		
	345	3	B	9h15	1,660	43	13,6		-	-	-	-	-	-	C	15,4		C	13,4	-33	23				C.F.T		
	339	1	B	14h00	1,640	33	17,3		-4,89	4,89	52	-	-	-	C	12,2		C	16,6	-33	25				C.F.T		
	339	2	B	14h30	1,650	39	11,5		-	-	-	-	458	-	6	C	12,8		C	4,3	-33	25	14h30	GR-WTD-20	C.FT		
2019-01-17	333	2	B	6h40	1,650	34	17,4		-	-	-	-	-	-	C	17,8		C	15,3	-40	23				C.F.T		
	321	1	B	13h15	1,660	33	20,8		-2,67	2,67	53	-	-	-	C	17,5		C	19,5	-40	23				C.F.T		
	321	2	B	13h30	1,650	34	16,3		-	-	-	-	-	-	C	16,5		c	7,2	-40	23				C.F.T		
2019-01-18	297	1	B	10h30	1,640	33	19,0		-8,79	8,79	54	-	-	-	C	16,5		C	17,5	-33	24				C.F.T		
	297	3	B	11h45	1,640	34	19,6		-	-	-	-	-	-	C	16,9		C	17,9	-33	24				C.F.T		
	297	3	C	12h15	1,660	57	19,2		-	-	-	-	-	-	C	17		C	17,4	-33	24				C.F.T		
2019-01-19	234	1	B	6h45	1,650	32	23,1		-	-	-	-	-	-	C	12,8		C	32	-30	22				C.F.T		
	234	1	C	7h30	1,670	58	17,1		-1,56	1,56	55		429	-	7	C	12,6		C	13,8	-30	22	7H30	GR-WTD-21	C.F.T		
	222	1	B	13h50	1,690	39	18,9		-	-	-	-	-	-	C	15,3		C	20,1	-30	22				C.F.T		
	222	1	B	14h15	1,680	40	14,5		-	-	-	-	-	-	C	15,6		C	11,2	-30	22				C.F.T		
	222	1	C	14h30	1,670	61	14,9		-	-	-	-	-	-	C	15,5		C	13,4	-30	22				C.F.T		
2019-01-20	210	2	B	7H00	1,640	32	21,3		-	-	-	-	-	-	C	17,2		C	23	-25	23				C.F.T		
	198	1	B	9h10	1,645	31	19,0		7	7	56	-	-	-	C	17,6		C	12,9	-25	23				C.F.T		
	198	2	B	10h15	1,650	33	18,7		-	-	-	-	-	-	C	16,9		C	12,5	-25	23				C.F.T		
	198	2	C	10h30	1,670	56	15,5		-	-	-	-	-	-	C	16,3		C	8,5	-25	23				C.F.T		
2019-01-25	201	1	B	7h30	-	33	19,5		-	-	-	-	-	-	C	18,1		C	13,4	-45	15				M.U		
	201	1	B	7h40	-	32	20,2		-	-	-	-	-	-	C	11		C	-	-45	15				M.U		
	201	1	C	8h30	-	74	13,3		-	-	-	-	-	-	C	12,1		C	-	-45	15				M.U		
	201	1	C	8h40	-	65	14,1		-	-	-	-	-	-	C	-		C	-	-45	15				M.U		
	201	1	D	10h20	-	99	9,1		-	-	-	-	-	-	C	11,1		C	27,8	-45	15				M.U	Grout temperature very low	
	201	1	D	10h40	-	120	7,8		-	-	-	-	-	-	C	-		C	23,1	-45	15				M.U	Grout temperature very low	
	207	1	B	14h15	-	32	28,5		-	-	-	-	-	-	C	14,3		C	23,1	-45	15				M.U		
2019-01-30	400,5	2	B	14h50	1,655	34	34		-3,3	3,3	57	-	-	-	C	33		C	13	-40	15				Max		

General information					Casing					Drilled Bedrock							Stages						Sample	Notes	QC Representative	
Hole #	Type	Station	Ground Elev.	Theorical Bedrock Elev.	Length (m)	Encountered bedrock depth (m)	Stick-up (m)	Anchor of the casing (m)	Bottom Casing Elevation	Encountered Bedrock Elev.	Theoretical Bottom Elevation (Bedrock Elev. - 10m)	Theoretical Length Between Ground Elev. & Bottom Drilled Hole (m)	Drilling Date	QC Depth Measure (m)	Bottom Elevation	Length of the Hole Inside the Bedrock (m)	Stage 1		Stage 2		Stage 3					#
180	PRIMARY	0+180	157,340	151,665	7,5	7,00	0,30	0,20	150,140	150,340	141,665	15,675	2018-12-18	15,1	142,24	8,100	only the stage 3 for this hole, Permafrost				A + CWA	2019-01-05	GR-WTD-017	Error of the batcher, put 20 kg less of ciment in the batch	Maxime Côté	
186	SECONDARY	0+186	157,344	151,732	6,3	5,80	0,30	0,20	151,344	151,544	141,732	15,612	2018-01-19	-	-	-	Hole deleted due to permafrost									
192	PRIMARY	0+192	157,507	150,660	7,4	6,90	0,30	0,20	150,407	150,607	140,66	16,847	2018-12-18	17,4	140,107	10,500	only the stage 3 for this hole, Permafrost				A + CWA	2019-01-05		Error of the batcher, put 20 kg less of ciment in the batch	Maxime Côté	
198	SECONDARY	0+198	157,608	149,827	8,2	7,70	0,30	0,20	149,708	149,908	139,827	17,781	2018-01-14	17,26	140,348	9,560	B	2019-01-20	B,C	2019-01-20	B	2019-01-20		Add water in mix C for complet stage 3 with the rest of the batch		
199,5	QUATERNARY	0+199.5	157,416	149,590	8,3	7,80	0,20	0,30	149,316	149,616	139,5896	17,8264		13,8	143,616	6,000										
201	TERTIARY	0+201	157,433	149,400	8,7	8,20	0,20	0,30	148,933	149,233	139,4	18,033	2018-01-24	18,4	139,033	10,200	B,C,D	2019-01-24	-	-	B	2019-01-25				
202,5	QUATERNARY	0+202.5	157,421	149,450	8,5	8,00	0,20	0,30	149,121	149,421	139,45	17,971		13,5	143,921	5,500										
204	PRIMARY	0+204	157,381	149,229	8,6	8,00	0,53	0,07	149,314	149,381	139,229	18,152	2018-12-18	17,4	139,981	9,400	A, B, C, D, F & E	2019-01-05	B, C, D	2019-01-10-N	B	2019-01-11	GR-WTD-016	High take of grout on stage 1	Maxime Côté	
207	TERTIARY	0+207	157,482	149,381	8,6	8,10	0,20	0,30	149,082	149,382	139,3808	18,1012	2018-01-24	17,65	139,832	9,550	B	2019-01-24	B	2019-01-24	B	2019-01-24				
210	SECONDARY	0+210	157,716	149,584	8,4	7,90	0,30	0,20	149,616	149,816	139,584	18,132	2018-01-14	18,58	139,136	10,680	B,C	2019-01-19	B	2019-01-20	B	2019-01-20				
216	PRIMARY	0+216	157,656	149,659	8,99	8,30	0,30	0,39	148,966	149,356	139,659	17,997	2018-12-18	18	139,656	9,700	A	2019-01-04	A	2019-01-04	A	2019-01-04			Maxime Côté	
222	SECONDARY	0+222	157,637	149,737	9,42	8,45	0,30	0,67	148,517	149,187	139,737	17,9	2018-01-14	18,8	138,837	10,350	B,C	2019-01-19	B	2019-01-19	B	2019-01-19				
228	PRIMARY	0+228	157,703	150,059	9,42	8,22	0,30	0,90	148,583	149,483	140,059	17,644	2018-12-17	18	139,703	9,780	A	2019-01-04	A	2019-01-04	A	2019-01-04			Maxime Côté	
234	SECONDARY	0+234	157,731	150,417	9,42	8,00	0,30	1,12	148,611	149,731	140,417	17,314	2018-01-14	18,6	139,131	10,600	B,C	2019-01-19	B	2019-01-19	B	2019-01-19				
240	PRIMARY	0+240	157,689	150,790	7,3	6,80	0,30	0,20	150,689	150,889	140,79	16,899	2018-12-17	16,9	140,789	10,100	A	2019-01-04	A	2019-01-04	A	2019-01-04			Maxime Côté	
246	SECONDARY	0+246	157,826	150,546	7,5	7,00	0,30	0,20	150,626	150,826	140,546	17,28	2019-01-10	17,2	140,626	10,200	B	2019-01-18	B	2019-01-18	B	2019-01-18				
252	PRIMARY	0+252	157,752	150,522	7,6	7,10	0,30	0,20	150,452	150,652	140,522	17,23	2018-12-17	17,3	140,452	10,200	A	2018-12-30	A	2018-12-30	A	2018-12-30		Refusal at pressure	Amadou	
258	SECONDARY	0+258	157,583	150,580	7,5	6,90	0,30	0,30	150,383	150,683	140,58	17,003	2018-01-01	17,2	140,383	10,300	A	2019-01-03	A	2019-01-03	A	2019-01-03			Maxime Côté	
264	PRIMARY	0+264	157,518	150,530	8,1	7,30	0,30	0,50	149,718	150,218	140,53	16,988	2018-12-17	17,6	139,918	10,300	A	2018-12-30	A	2018-12-30	A	2018-12-30		Refusal at pressure_all stages	Amadou	
267	TERTIARY	0+267	157,329	150,802	6,9	6,40	0,20	0,30	150,629	150,929	140,8021	16,5269	2019-01-10	17,2	140,129	10,800	B	2019-01-11	B	2019-01-11	B	2019-01-11			Maxime Côté	
270	SECONDARY	0+270	157,519	151,272	7,5	6,70	0,30	0,50	150,319	150,819	141,272	16,247	2019-01-01	17,2	140,319	10,500	A	2019-01-03	A, B	2019-01-03	A	2019-01-03			Maxime Côté	
276	PRIMARY	0+276	157,456	150,674	7,8	7,20	0,30	0,30	149,956	150,256	140,674	16,782	2018-12-17	17,1	140,356	9,900	A	2018-12-29	A	2018-12-29	A	2018-12-29		Refusal at pressure at all stages.	Amadou	
282	SECONDARY	0+282	157,399	150,619	7,9	7,20	0,30	0,40	149,799	150,199	140,619	16,78	2018-12-31	17,5	139,899	10,300	A	2019-01-03	A	2019-01-03	A	2019-01-03			Maxime Côté	
288	PRIMARY	0+288	157,366	150,985	7,1	6,50	0,30	0,30	150,566	150,866	140,985	16,381	2018-12-31	16,8	140,566	10,300	A	2018-12-29	A	2018-12-29	A	2018-12-29	GR-WTD-012	Refusal at pressure_all stages	Amadou	
291	TERTIARY	0+291	157,269	150,915	6,9	6,40	0,20	0,30	150,569	150,869	140,9151	16,3539	2019-01-10	17,1	140,169	10,700	B	2019-01-17	B	2019-01-17	B	2019-01-17			Cédrick F.T.	
294	SECONDARY	0+294	157,309	151,200	7,6	6,80	0,30	0,50	150,009	150,509	141,2	16,109	2018-12-31	17,3	140,009	10,500	A, B, C	2019-01-02	A	2019-01-02	A	2019-01-01	GR-WTD-014 & GR-WTD-015		Maxime Côté	
297	TERTIARY	0+297	157,344	151,200	6,7	6,20	0,20	0,30	150,844	151,144	141,2	16,144	2019-01-10	17,9	139,444	11,700	B	2019-01-18	B	2019-01-18	B,C	2019-01-18			Cédrick F.T.	
300	PRIMARY	0+300	157,212	148,597	7	6,40	0,30	0,30	150,512	150,812	138,5968	18,6152	2018-12-16	16,5	140,712	10,100	A	2018-12-26	A	2018-12-27	A	2018-12-27		Refusal at pressure at all stages	Amadou	
306	SECONDARY	0+306	157,194	147,300	6,7	6,20	0,30	0,20	150,794	150,994	137,3	19,894	2018-12-31	17,1	140,094	10,900	A	2019-01-02	A	2019-01-02	A	2019-01-02	-	Water Pression Test done before the grouting	Maxime Côté	
312	PRIMARY	0+312	157,281	1																						

444	PRIMARY	0+444	157,752	149,016	9,4	8,70	0,30	0,40	148,652	149,052	139,016	18,736	2018-12-13	18,5	139,252	9,800	A-B-C-D-D+	2018-12-16	A	2018-12-17	A	2018-12-17		High take of grout	Maxime Côté
447	TERTIARY	0+447	157,212	149,060	8,7	8,10	0,20	0,40	148,712	149,112	139,060	18,153	2019-01-05	18,8	138,412	10,700	B	2019-01-08	B	2019-01-08	B	2019-01-08	GR-WTD-018		Maxime Côté
450	SECONDARY	0+450	157,518	149,064	9,1	8,40	0,30	0,40	148,718	149,118	139,064	18,454	2018-12-20	18,1	139,418	9,700	A	2018-12-23	A	2018-12-23	A	2018-12-23		Amadou	
453	TERTIARY	0+453	157,194	149,190	9	8,30	0,20	0,50	148,394	148,894	139,190	18,004	2019-01-05	18,8	138,394	10,500	B	2019-01-08	B	2019-01-08	B	2019-01-08		Maxime Côté	
456	PRIMARY	0+456	157,456	149,101	9,37	8,50	0,87	0,00	148,956	148,956	139,101	18,355	2018-12-13	16,5	140,956	8,000	A-B-C-D-D+	2018-12-16	A-B-C-D	2018-12-16	A-B-C-D-D+	2018-12-16	GR-WTD-007	High take of grout.	Maxime Côté
459	TERTIARY	0+459	157,281	149,127	8,7	8,20	0,20	0,30	148,781	149,081	139,127	18,154	2019-01-05	19	138,281	10,800	B	2019-01-08	B	2019-01-08	B	2019-01-08		Maxime Côté	
462	SECONDARY	0+462	157,366	149,229	9,01	8,50	0,30	0,21	148,656	148,866	139,229	18,137	2018-12-20	18,4	138,966	9,900	A-B-C-D-D+	2018-12-22	A	2018-12-23	A	2018-12-23	GR-WTD-010		Amadou
463,5	QUATERNARY		157,336	149,343	8,4	8,00	0,20	0,20	149,136	149,336	139,343	17,994	2019-01-26												
465	TERTIARY	0+465	157,291	149,496	8,5	7,90	0,20	0,40	148,991	149,391	139,496	17,795	2019-01-05	19	138,291	11,100	B, C	2019-01-07	B	2019-01-07	B	2019-01-07		Done on night shift, no QC	-
466,5	QUATERNARY		157,384	149,535	8,2	7,80	0,20	0,20	149,384	149,584	139,535	17,849	2019-01-26				B	2019-01-31	B	2019-01-31	B	2019-01-31		-	
468	PRIMARY	0+468	157,309	149,529	9,39	8,50	0,30	0,59	148,219	148,809	139,529	17,780	2018-12-13	12,8	144,509	4,300	-	-	A	2018-12-15	A	2018-12-15	-	The stage 1 is 5.5m higher than expected	Maxime Côté
468*	PRIMARY	0+468	157,344	149,529	9,39	8,50	0,30	0,59	148,219	148,809	139,529	17,815	2018-12-18	19	138,344	10,465	A	2018-12-19	A	2018-12-19	A	2018-12-19		Hole was redrilled and grouted	Amadou
474	SECONDARY	0+474	157,257	149,749	8,43	8,00	0,30	0,13	149,127	149,257	139,749	17,508	2018-12-20	18,1	139,157	10,100	A	2018-12-22	A	2018-12-22	A	2018-12-22		Refusal at pressure	Amadou
480	PRIMARY	0+480	157,212	149,726	8,35	7,90	0,30	0,15	149,162	149,312	139,726	17,486	2018-12-13	18,5	138,712	10,600	A	2018-12-15	A	2018-12-15	A	2018-12-15	-	top of stage 2 is 1.0m higher than expected	Maxime Côté
486	SECONDARY	0+486	157,194	149,732	9,4	8,80	0,30	0,30	148,094	148,394	139,732	17,462	2018-12-18	18,8	138,394	10,000			A	2018-12-21				-	Amadou
486*	SECONDARY	0+487	157,257	149,732	9,4	8,80	0,24	0,36	148,094	148,457	139,732	17,525	2018-12-27	18,8	138,457	10,000	A	2018-12-29	A	2018-12-29	A	2018-12-29		Redrilled hole, refusal at pressure	Amadou
489	TERTIARY	0+489	157,396	149,665							139,6654	17,7306													
492	PRIMARY	0+492	157,281	149,679	8,5	8,00	0,30	0,20	149,081	149,281	139,679	17,602	2018-12-12	18	139,281	10,000	A	2018-12-15	A	2018-12-15	A	2018-12-15	-	Top of Stage 1 is 1.85m higher than expected	Maxime Côté
495	TERTIARY	0+495	157,315	149,664	8,9	7,90	0,20	0,80	148,615	149,415	139,664	17,652	2019-01-05	18	139,315	10,100	B	2019-01-07	B	2019-01-07	B	2019-01-07	-	The packer is stock at the stage 1	Maxime Côté
498	SECONDARY	0+498	157,315	149,614	8,8	8,20	0,30	0,30	148,815	149,115	139,614	17,701	2018-12-18	18,4	138,915	10,200	-	-	A,B,C,D,D+	2018-12-21	A	2018-12-21	GR-WTD-009		Amadou
498*	SECONDARY	0+499	157,374	149,614	8,8	8,20	0,30	0,30	148,815	149,115	139,614	17,701	2018-12-28	18,2	139,174	9,941	A	2018-12-29	A	2018-12-29	A	2018-12-29		Regout, Refusal at pressure	Amadou
501	TERTIARY	0+501	157,303	149,582	8,9	8,00	0,20	0,70	148,603	149,303	139,582	17,721	2019-01-04	18,5	138,803	10,500	A	2019-01-07	A	2019-01-07	A	2019-01-07		-	Maxime Côté
504	PRIMARY	0+504	157,276	149,688	8,5	7,90	0,30	0,30	149,076	149,376	139,688	17,588	2018-12-12	18,2	139,076	10,300	A	2018-12-15	A	2018-12-15	A	2018-12-15	GR-WTD-006	-	Maxime Côté
510	SECONDARY	0+510	157,257	149,644	8,6	8,00	0,30	0,30	148,957	149,257	139,644	17,613	2018-12-18	16	141,257	8,000	A	2018-12-21	A,B	2018-12-21	A	2018-12-21	GR-WTD-008	-	Amadou
510*	SECONDARY	0+510	157,257	149,644	8,6	8,00	0,30	0,30	148,957	149,257	139,644	17,613	2018-12-28	18	139,257	10,000	A	2018-12-28	A	2018-12-28	A	2018-12-28		RegROUTed, refusal at pressure	Amadou
513	TERTIARY	0+513	157,342	149,736							139,7363	17,6057													
516	PRIMARY	0+516	157,307	149,952	8,7	8,00	0,30	0,40	148,907	149,307	139,952	17,355	2019-01-04	17,5	139,807	9,500	A, B	2019-01-07	A, B	2019-01-07	A	2019-01-07		-	Maxime Côté

* Means Redrilled

Compressive Strenght Results															
Sample #	Date of Sampling	Date of test	Age of the specimen (days)	Length				Height				Surface (mm²)	Load (kN)	Strength (Mpa)	Average (Mpa)
				1 (mm)	2 (mm)	3 (mm)	Average (mm)	1 (mm)	2 (mm)	3 (mm)	Average (mm)				
GR-WTD-001	2018-12-12	2018-12-19	7											26,7	26,7
	2018-12-12													33,1	33,45
	2018-12-12													33,8	
GR-WTD-002	2018-12-12	2018-12-19	7											19,3	19,3
	2018-12-12													24,5	24,3
	2018-12-12													24,1	
GR-WTD-003	2018-12-12	2018-12-19	7											22,2	22,2
	2018-12-12													23	22,9
	2018-12-12													22,8	
GR-WTD-004	2018-12-13	2018-12-20	7											21,6	21,6
	2018-12-13													28,1	27,65
	2018-12-13													27,2	
GR-WTD-005	2018-12-13	2018-12-20	7											22,4	22,4
	2018-12-13													30,1	29,85
	2018-12-13													29,6	
GR-WTD-006	2018-12-15	2019-01-01	17	49,81	49,97	49,79	49,86	43,78	43,54	45,68	44,33	2210	86,0	38,9	42,6
	2018-12-15	2019-01-01	17	50,02	49,98	49,98	49,99	41,18	41,09	40,74	41,00	2050	101,0	49,3	
	2018-12-15	2019-01-01	17	50,10	49,86	49,77	49,91	44,74	44,99	45,42	45,05	2248	88,8	39,5	
	2018-12-15	2019-01-05	21	50,01	50,06	50,01	50,03	42,25	42,07	43,40	42,57	2130	76,0	35,7	31,9
	2018-12-15	2019-01-05	21	42,37	43,29	45,88	43,85	49,98	49,98	50,05	50,00	2192	66,2	30,2	
	2018-12-15	2019-01-05	21	43,02	43,58	44,93	43,84	50,03	50,17	50,20	50,13	2198	65,7	29,9	
GR-WTD-007	2018-12-16	2019-01-01	16	49,98	50,21	49,92	50,04	49,87	49,87	49,87	49,87	2495	72,3	29,0	30,0
	2018-12-16	2019-01-01	16	49,95	50,02	50,13	50,03	49,68	49,99	49,87	49,85	2494	76,9	30,8	
	2018-12-16	2019-01-01	16	49,97	49,97	49,91	49,95	49,82	49,87	49,78	49,82	2489	75,0	30,1	
	2018-12-16	2019-01-13	28	50,16	50,18	50,24	50,19	50,01	50,02	50,01	50,01	2510	54,8	21,8	22,1
	2018-12-16	2019-01-13	28	50,09	50,18	50,13	50,13	49,99	50,02	50,00	50,00	2507	53,2	21,2	
	2018-12-16	2019-01-13	28	50,14	49,97	49,98	50,03	49,98	49,97	49,97	49,97	2500	57,9	23,2	
GR-WTD-008	2018-12-21	2019-01-01	11	49,89	49,80	49,78	49,82	43,95	43,25	43,87	43,69	2177	59,6	27,4	27,3
	2018-12-21	2019-01-01	11	45,66	45,83	45,76	45,75	49,85	50,00	49,91	49,92	2284	61,3	26,8	
	2018-12-21	2019-01-01	11	43,11	43,26	43,07	43,15	49,95	49,96	49,81	49,91	2153	59,4	27,6	
	2018-12-21	2019-01-18	28	46,74	46,11	46,74	46,53	50,09	50,18	50,15	50,14	2333	58,8	25,2	29,4
	2018-12-21	2019-01-18	28	50,00	50,08	50,09	50,06	44,34	43,75	43,44	43,84	2195	65,8	30,0	
	2018-12-21	2019-01-18	28	50,06	50,02	49,98	50,02	45,58	45,91	46,36	45,95	2298	75,8	33,0	
GR-WTD-009	2018-12-21	2019-01-01	11	49,95	49,94	50,08	49,99	48,79	49,10	49,65	49,18	2459	80,4	32,7	32,0
	2018-12-21	2019-01-01	11	49,82	49,39	49,92	49,71	49,85	50,01	50,00	49,95	2483	79,5	32,0	
	2018-12-21	2019-01-01	11	49,94	50,04	49,91	49,96	49,98	50,00	49,98	49,99	2498	78,3	31,4	
	2018-12-21	2019-01-18	28	49,91	49,98	49,93	49,94	49,58	48,84	48,91	49,11	2453	84,4	34,4	31,6
	2018-12-21	2019-01-18	28	50,01	49,95	49,88	49,95	49,91	49,96	49,97	49,95	2495	71,5	28,7	
	2018-12-21	2019-01-18	28	49,98	49,99	50,04	50,00	50,16	50,02	50,13	50,10	2505	79,4	31,7	
GR-WTD-010	2018-12-22	2019-01-01	10	47,75	47,56	47,50	47,60	50,00	49,97	49,95	49,97	2379	69,3	29,1	28,9
	2018-12-22	2019-01-01	10	48,80	47,15	48,96	48,30	50,00	50,09	49,92	50,00	2415	70,3	29,1	
	2018-12-22	2019-01-01	10	46,37	46,60	46,70	46,56	49,91	50,09	50,01	50,00	2328	66,1	28,4	
	2018-12-22	2019-01-19	28	49,21	48,61	49,68	49,17	50,06	50,08	50,12	50,09	2463	73,1	29,7	31,3
	2018-12-22	2019-01-19	28	48,38	48,35	48,46	48,40	50,11	50,09	50,13	50,11	2425	75,6	31,2	
	2018-12-22	2019-01-19	28	50,05	50,05	50,11	50,07	48,24	48,40	48,35	48,33	2420	79,9	33,0	
GR-WTD-011	2018-12-23	2019-01-01	9	50,44	50,19	50,14	50,26	49,90	50,15	49,97	50,01	2513	79,0	31,4	30,6
	2018-12-23	2019-01-01	9	49,89	49,87	49,92	49,89	49,91	50,03	50,08	50,01	2495	75,2	30,1	
	2018-12-23	2019-01-01	9	49,89	49,90	50,03	49,94	49,96	49,16	49,01	49,38	2466	74,2	30,1	
	2018-12-23	2019-01-20	28	50,16	50,35	49,85	50,12	50,01	50,07	50,04	50,04	2508	77,5	30,9	28,1
	2018-12-23	2019-01-20	28	50,40	50,29	49,95	50,21	50,23	50,16	50,10	50,16	2519	71,6	28,4	
	2018-12-23	2019-01-20	28	50,37	49,91	50,16	50,15	50,01	50,21	50,07	50,10	2512	62,6	24,9	
GR-WTD-012	2018-12-29	2019-01-05	7	50,03	50,08	49,97	50,03	44,23	43,92	44,6	44,25	2214	61,9	28,0	24,5
	2018-12-29	2019-01-05	7	50,13	50,15	50,19	50,16	43,88	44,3	43,8	43,99	2207	49,4	22,4	
	2018-12-29	2019-01-05	7	50,15	50,05	50,03	50,08	44,86	44,51	44,67	44,68	2237	52,0	23,2	
	2018-12-29	2019-01-26	28	45,32	44,47	45,03	44,94	50,14	50,14	50,14	50,14	2253	80,5	35,7	37,5
	2018-12-29	2019-01-26	28	45,63	45,52	45,47	45,54	50,13	50,15	50,13	50,14	2283	84,6	37,1	
	2018-12-29	2019-01-26	28	45,31	44,98	45,05	45,11	50,11	50,12	50,13	50,12	2261	90,0	39,8	
GR-WTD-013	2019-01-01	2019-01-08	7	50,02	50,06	50,03	50,04	45,38	42,71	42,50	43,53	2178	56,8	26,1	25,4
	2019-01-01	2019-01-08	7	50,02	50,00	50,07	50,03	45,03	43,58	44,35	44,32	2217	54,8	24,7	
	2019-01-01	-	-	-	-	-	-	-	-	-	-	-	-	-	
	2019-01-01	2019-01-30	29	50,10	50,08	50,14	50,11	44,18	44,50	44,29	44,32	2221	68,3	30,8	33,4
	2019-01-01	2019-01-30	29	50,20	50,23	50,19									

GR-WTD-018	2019-01-08	2019-01-15	7	50,05	50,04	50,06	<u>50,05</u>	47,49	48,13	47,58	<u>47,73</u>	2389	47,7	<u>19,9661</u>	<u>19,7</u>
	2019-01-08	2019-01-15	7	50,02	50,04	50,05	<u>50,04</u>	47,57	47,70	47,42	<u>47,56</u>	2380	46,1	<u>19,3705</u>	
	2019-01-08	2019-01-15	7	50,07	50,06	50,07	<u>50,07</u>	47,41	47,43	47,61	<u>47,48</u>	2377	47,0	<u>19,7701</u>	
	2019-01-08	2019-02-06	29	50,15	49,99	49,97	<u>50,04</u>	47,53	47,44	47,59	<u>47,52</u>	2377,7424	69,5	<u>29,2294</u>	<u>29,1</u>
	2019-01-08	2019-02-06	29	50,20	50,03	49,99	<u>50,07</u>	47,61	47,64	47,51	<u>47,59</u>	2382,823022	68,4	<u>28,7054</u>	
	2019-01-08	2019-02-06	29	50,02	50,06	50,00	<u>50,03</u>	47,36	47,64	47,30	<u>47,43</u>	2372,931556	70	<u>29,4994</u>	
GR-WTD-019	2019-01-09	2019-01-16	7	50,10	50,08	50,06	<u>50,08</u>	49,69	49,33	49,47	<u>49,50</u>	2479	53,2	<u>21,4621</u>	<u>21,6</u>
	2019-01-09	2019-01-16	7	50,08	50,10	50,11	<u>50,10</u>	50,19	49,95	49,67	<u>49,94</u>	2502	51,3	<u>20,5064</u>	
	2019-01-09	2019-01-16	7	50,02	50,08	50,07	<u>50,06</u>	50,04	50,31	50,45	<u>50,27</u>	2516	57,5	<u>22,8521</u>	
	2019-01-09	2019-02-06	28	49,92	49,78	49,88	<u>49,86</u>	50,00	50,04	50,03	<u>50,02</u>	2494	70,8	<u>28,3863</u>	<u>30,0</u>
	2019-01-09	2019-02-06	28	50,09	50,10	50,12	<u>50,10</u>	49,31	49,50	49,59	<u>49,47</u>	2478	75,2	<u>30,3416</u>	
	2019-01-09	2019-02-06	28	50,08	50,00	50,10	<u>50,06</u>	49,98	49,99	50,08	<u>50,02</u>	2504	78,4	<u>31,312</u>	
GR-WTD-020	2019-01-16	2019-01-23	7	46,01	46,00	46,51	<u>46,17</u>	50,02	50,00	50,02	<u>50,01</u>	2309	48,0	<u>20,79</u>	<u>21,1</u>
	2019-01-16	2019-01-23	7	50,14	50,01	50,07	<u>50,07</u>	47,94	47,78	48,02	<u>47,91</u>	2399	51,3	<u>21,38</u>	
	2019-01-16	2019-01-23	7	47,73	46,14	47,95	<u>47,27</u>	50,12	50,09	50,11	<u>50,11</u>	2369	50,4	<u>21,28</u>	
	2019-01-16	2019-02-13	28	48,11	45,93	46,18	<u>46,74</u>	50,00	49,97	50,70	<u>50,22</u>	2347	75,4	<u>32,1201</u>	<u>33,9</u>
	2019-01-16	2019-02-13	28	48,07	48,41	46,17	<u>47,55</u>	50,00	49,98	50,03	<u>50,00</u>	2378	81,9	<u>34,4457</u>	
	2019-01-16	2019-02-13	28	47,89	46,89	46,55	<u>47,11</u>	50,00	50,04	50,03	<u>50,02</u>	2357	82,6	<u>35,0505</u>	
GR-WTD-021	2019-01-19	2019-01-26	7	49,51	49,56	49,58	<u>49,55</u>	50,16	50,11	50,12	<u>50,13</u>	2484	60,0	<u>24,1552</u>	<u>22,3</u>
	2019-01-19	2019-01-26	7	49,72	49,73	49,66	<u>49,70</u>	50,32	50,23	50,21	<u>50,25</u>	2498	60,7	<u>24,3018</u>	
	2019-01-19	2019-01-26	7	49,50	49,70	49,63	<u>49,61</u>	50,09	50,11	50,15	<u>50,12</u>	2486	45,5	<u>18,3004</u>	
	2019-01-19	2019-02-16	28	50,21	49,87	49,65	<u>49,91</u>	50,16	50,18	50,03	<u>50,12</u>	2502	76,6	<u>30,6197</u>	<u>29,8</u>
	2019-01-19	2019-02-16	28	49,76	50,10	49,54	<u>49,80</u>	50,11	50,10	50,11	<u>50,11</u>	2495	70,8	<u>28,3732</u>	
	2019-01-19	2019-02-16	28	50,23	49,62	49,45	<u>49,77</u>	50,11	50,08	50,07	<u>50,09</u>	2493	75,9	<u>30,4496</u>	

Vicat Initial Set Time (ASTM C191 - 13, Method A)

General information							Readings				Results	QC Representative
Vicat #	Type of Mix	date of sampling & test	time of sampling	Temperature of the Grout at Sampling (°C)	Temperature in the laboratory (°C)	beginning of the test	Last reading > 25mm (mm), <i>C</i>	Time (min.), <i>E</i>	First Reading < 25mm (mm), <i>D</i>	Time (min.), <i>H</i>	Initial Set Time (min.)	
1	A	2019-01-01	10h00	16,5	20	10h30	35	540	7	660	<u>583</u>	Maxime Côté
2	A	2019-01-04	7h30	33,8	23	7h45	33	330	10	460	<u>375</u>	Maxime Côté
3	D	2019-01-05	8h15	32,1	18	8h35	38	300	12	360	<u>330</u>	Maxime Côté
4	B	2019-01-07	8h30	17	21	8h50	30	293	17	325	<u>305</u>	Maxime Côté
5	C	2019-01-09	8h50	22	23	9h15	39	310	14	348	<u>331</u>	Maxime Côté
6	B	2019-01-16	14h30	11,5	20	14h45	30	420	22	480	<u>458</u>	C.F.T./ D.R.
7	C	2019-01-19	7H30	13,5	22,5	8H30	39	390	12	465	<u>429</u>	C.F.T



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