4) Artificial Fill: Artificial fill was encountered at the following locations.

Line	Station (±)	Offset (ft)
-L-	39+50 to 41+00	5 RT
-L-	84+30 to 87+00	75 LT to 30 RT
-Y1-	17+50 to 20+00	10 LT

Several smaller areas of artificial fill are present throughout the project corridor and are related to gravel and soil driveways, as well as previous construction of utility lines.

5) Crystalline Rock: Rock outcrops were observed and crystalline rock was encountered within 6 feet of proposed grade at the following locations:

Line	Station (±)	Offset (ft)
-L-	98+00 to 99+50	98 LT to 23 RT
-L-	109+20 to 120+50	192 LT to 147 RT
-L-	137+40 to 149+90	153 LT to 172 RT
-L-	156+00 to 162+80	153 LT to 134 RT
-L-	163+00 to 164+00	98 LT to 79 RT
-L-	166+00 to 168+50	100 LT to 92 RT
-L-	272+50 to 275+15	92 LT to 138 RT

6) Groundwater: The following areas exhibit a high water table, seasonal high ground water or the potential for groundwater related construction problems:

Line	Station (±)
-L-	70+00 to 71+00
-L-	91+50 to 92+50
-L-	123+00 to 124+50
-L-	136+00 to 137+00
-L-	158+00 to 165+50
-L-	204+00 to 205+50
-L-	241+50 to 251+50
-L-	262+00 to 263+00
-L-	264+50 to 266+00
-L-	283+00 to 284+00
-Y7-	15+50 to 16+50

7) Ponds: Several ponds occur on or within close proximity of right of way on this project. These were noted at the following locations:

Line	Station (±)	Offset (ft)
-L1-	15+57 to 17+63	352 RT to 611 RT
-L-	78+35 to 79+44	88 LT to 166 LT
-L-	81+87 to 84+36	7 LT to 158 RT
-L-	151+28 to 153+83	575 LT to 1052 LT
-L-	156+40 to 158+81	379 LT to 601 LT
-L-	233+58 to 235+33	870 RT to 1105 RT
-L-	237+13 to 242+72	1075 RT to 1496 RT
-L-	241+26 to 242+47	160 LT to 229 LT
-L-	246+84 to 249+92	452 RT to 804 RT
-L-	291+65 to 292+46	150 LT to 328 LT
-L-	350+09 to 352+31	102 LT to 242 LT
-L-	353+17 to 354+38	321 LT to 466 LT
-L-	362+69 to 364+27	66 RT to 274 RT
-Y7-	13+42 to 16+02	85 LT to 318 LT

8) Water Wells: Several water wells were found within or in close proximity to the proposed right of way at the following locations:

Line	Station (±)
-L-	30+79 124’ RT
-L-	46+22 178’ RT
-L-	51+98 45’ RT
-L-	61+40 146’ LT
-L-	246+16 165’ RT

9) Springs: Springs within or in close proximity of the right of way or construction easement are noted at the following locations:

Line	Station (±)
-L-	262+33 7’ LT
-L-	262+40 33’ LT
-L-	263+02 32’ RT
-L-	272+54 161’ LT
-L-	280+02 144’ LT

Other springs may be present along the project corridor that were not detected. All springs observed were dry as of July 10, 2012 field survey.