APPENDIX 3.2-A

Exploration Drill Holes within One-Mile Perimeter around the Dewey-Burdock Project

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Appendix 3.2-A

Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
6	1	26	AXJ13	1005051.89	443831.87	3875
6	1	26	AXJ14	1005010.68	443807.86	3867
6	1	26	AXJ3	1005045.07	443721.33	3874
6	1	35	DA1	1007235.04	438498.85	3832
6	1	35	DK1	1005363.91	438676.17	3742
6	1	35	DK36	1005934.04	438660.19	3763
6	1	35	DK37	1005191.66	439247.00	3754
6	1	35	DK38	1006130.54	439179.57	3794
6	1	35	DK39	1005398.57	439369.22	3757
6	1	35	DK40	1005052.03	439571.70	3755
6	1	35	DK54	1004864.52	438750.14	3742
6	1	35	DK55	1005189.82	438552.59	3735
6	1	35	DP252	1006772.54	438554.27	3812
6	1	35	DP253	1006422.78	438812.52	3802
6	1	35	DP254	1005994.92	438806.26	3771
6	1	35	DP255	1006236.28	438972.16	3795
6	1	35	DP256	1006194.44	439068.62	3795
6	1	35	DP257	1006164.83	439120.91	3794
6	1	35	DP258	1006148.12	439149.63	3794
6	1	35	DP261	1006119.26	438670.98	3774
6	1	35	DP263	1006160.20	439421.15	3778
6	1	35	DR262	1006126.55	438882.60	3779
6	1	35	DR753	1006193.95	439244.22	3780
6	1	35	DR755	1006179.89	439219.31	3780
6	1	35	DR756	1006162.79	439191.20	3794
6	1	35	DR757	1006161.53	439252.77	3794
6	1	35	DR759	1006146.94	439222.38	3794
6	1	35	DR762	1006174.53	439162.68	3782
6	1	35	DR764	1006129.56	439249.79	3794
6	1	35	DR766	1006218.43	439112.30	3782
6	1	35	DR767	1006240.55	439132.89	3782
6	1	35	DR768	1006190.48	439083.14	3795
6	1	35	DR769	1006228.48	439175.56	3782
6	1	35	DR77	1006413.89	438950.42	3801
6	1	35	DR770	1006130.47	439101.86	3794
6	1	35	DR771	1006114.74	439064.36	3785
6	1	35	DR772	1006098.69	439021.86	3785
6	1	35	DR773	1006080.61	438973.57	3785
6	1	35	DR774	1006091.35	438935.25	3779
6	1	35	DR775	1006009.05	438948.31	3772
6	1	35	DR776	1005930.68	438889.30	3772
6	1	35	DR778	1005948.17	438876.74	3772
6	1	35	DR779	1005924.11	438870.23	3772

Appendix 3.2-A

Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
6	1	35	DR780	1005902.55	438891.13	3763
6	1	35	DR781	1005914.97	438836.57	3763
6	1	35	DR782	1005900.03	438778.46	3763
6	1	35	DR783	1005916.94	438715.95	3763
6	1	35	DR784	1006018.70	438836.81	3772
6	1	35	DR785	1006070.34	438881.40	3779
6	1	35	DR786	1005944.51	438721.38	3771
6	1	35	DR787	1005980.10	438880.27	3772
6	1	35	DRJ101	1005588.61	439101.00	3761
6	1	35	DRJ103	1006564.68	438478.56	3806
6	1	35	DRJ104	1005812.34	439213.30	3781
6	1	35	DRJ116	1004028.95	439370.12	3731
6	1	35	DRJ118	1006605.35	438736.07	3802
6	1	35	DRJ119	1005207.89	439558.86	3758
6	1	35	DRJ120	1003799.84	439651.70	3729
6	1	35	DRJ121	1004084.18	439555.92	3735
6	1	35	DRJ122	1003931.06	439209.57	3732
6	1	35	DRJ123	1003634.33	439505.75	3732
6	1	35	DRJ124	1003386.22	439422.35	3730
6	1	35	DRJ125	1003192.68	439453.69	3727
6	1	35	DRJ126	1005041.62	439412.52	3755
6	1	35	DRJ127	1003091.50	439647.44	3726
6	1	35	DRJ128	1004874.37	439376.94	3748
6	1	35	DRJ129	1003177.00	439696.75	3731
6	1	35	DRJ130	1004672.41	439377.77	3746
6	1	35	DRJ131	1003245.56	439724.97	3728
6	1	35	DRJ132	1004509.07	439446.79	3742
6	1	35	DRJ133	1004436.64	439434.31	3742
6	1	35	DRJ134	1007244.37	439203.26	3850
6	1	35	DRJ135	1004554.38	439451.91	3744
6	1	35	DRJ136	1004512.28	439377.00	3742
6	1	35	DRJ137	1004501.53	439512.56	3744
6	1	35	DRJ138	1004573.36	439374.48	3744
6	1	35	DRJ139	1004436.30	439496.47	3744
6	1	35	DRJ140	1004573.60	439304.74	3743
6	1	35	DRJ141	1004368.31	439581.18	3741
6	1	35	DRJ142	1004509.57	439253.64	3740
6	1	35	DRJ143	1004563.20	439218.55	3743
6	1	35	DRJ144	1004291.36	439577.58	3741
6	1	35	DRJ145	1004447.15	439183.51	3740
6	1	35	DRJ146	1004670.10	439254.54	3746
6	1	35	DRJ147	1004524.64	439121.43	3740
6	1	35	DRJ148	1004564.79	439159.56	3743

Appendix 3.2-A

Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
6	1	35	DRJ149	1004629.36	439217.28	3743
6	1	35	DRJ150	1004222.84	439579.51	3739
6	1	35	DRJ151	1004420.03	439613.79	3744
6	1	35	DRJ152	1004562.39	439093.29	3743
6	1	35	DRJ153	1004628.99	439063.76	3742
6	1	35	DRJ154	1004147.32	439651.08	3736
6	1	35	DRJ155	1004647.82	439141.16	3743
6	1	35	DRJ156	1004682.79	439077.03	3741
6	1	35	DRJ157	1004195.19	439469.53	3739
6	1	35	DRJ158	1004173.14	439390.51	3738
6	1	35	DRJ159	1004733.63	439007.47	3741
6	1	35	DRJ160	1004093.89	439403.03	3734
6	1	35	DRJ162	1004775.39	438976.89	3741
6	1	35	DRJ163	1004834.43	438991.32	3742
6	1	35	DRJ164	1004863.44	439029.66	3742
6	1	35	DRJ165	1003967.95	439308.52	3732
6	1	35	DRJ166	1004902.31	438986.54	3742
6	1	35	DRJ167	1004969.56	439000.78	3745
6	1	35	DRJ168	1004011.67	439259.80	3732
6	1	35	DRJ169	1004064.84	439218.74	3734
6	1	35	DRJ170	1005001.58	438962.05	3745
6	1	35	DRJ171	1004122.51	439221.90	3734
6	1	35	DRJ172	1004074.95	439168.23	3733
6	1	35	DRJ173	1005043.26	438916.45	3742
6	1	35	DRJ174	1005115.20	438833.88	3742
6	1	35	DRJ175	1004161.31	439102.23	3733
6	1	35	DRJ176	1005218.18	438779.25	3738
6	1	35	DRJ-177	1005313.72	438804.11	3741
6	1	35	DRJ-178	1004201.27	438999.45	3734
6	1	35	DRJ179	1005404.27	438875.57	3740
6	1	35	DRJ180	1005479.20	438816.68	3745
6	1	35	DRJ181	1005398.51	438945.72	3740
6	1	35	DRJ55	1007008.03	438994.03	3851
6	1	35	DRJ56	1007057.06	438864.72	3864
6	1	35	DRJ57	1007349.44	438747.10	3868
6	1	35	DRJ58	1007313.00	439175.58	3870
6	1	35	DRJ60	1006965.01	439466.81	3854
6	1	35	DRJ61	1006891.74	439567.78	3839
6	1	35	DRJ62	1006651.34	438578.86	3806
6	1	35	DRJ63	1006943.02	439104.96	3843
6	1	35	DRJ65	1006883.62	439650.73	3850
6	1	35	DRJ66	1006837.04	439550.43	3839
6	1	35	DRJ67	1006936.33	439533.00	3854

Appendix 3.2-A

Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
6	1	35	DRJ68	1007022.77	439448.59	3839
6	1	35	DRJ69	1005320.23	439230.44	3752
6	1	35	DRJ70	1005467.16	439218.82	3751
6	1	35	DRJ71	1005638.00	438883.88	3753
6	1	35	DRJ89	1006133.13	438551.71	3770
6	1	35	DRJ90	1006015.97	438706.72	3763
6	1	35	DRJ91	1005420.90	439051.13	3745
6	1	35	DRJ92	1005386.01	439415.47	3757
6	1	35	DRJ93	1005385.54	439717.85	3773
6	1	35	DRJ98	1006125.15	438648.38	3774
6	1	35	DRM1	1005008.64	439236.36	3750
6	1	35	DRM10	1006040.05	438588.83	3763
6	1	35	DRM11	1006022.57	438810.48	3771
6	1	35	DRM12	1005965.74	439034.70	3780
6	1	35	DRM13	1005335.74	439546.40	3763
6	1	35	DRM14	1005449.03	439647.55	3765
6	1	35	DRM6	1006846.78	438670.57	3804
6	1	35	DRM8	1006248.98	438485.75	3771
6	1	35	DRM9	1005622.70	439306.11	3760
6	1	35	DRR1	1003954.14	439593.93	3732
6	1	35	DRR10	1005536.09	439359.58	3750
6	1	35	DRR11	1003909.43	439397.59	3732
6	1	35	DRR12	1005351.91	439074.00	3741
6	1	35	DRR13	1005281.97	439053.39	3742
6	1	35	DRR14	1005214.84	439038.93	3742
6	1	35	DRR15	1005302.40	439110.28	3749
6	1	35	DRR16	1003821.41	439490.74	3730
6	1	35	DRR17	1003668.24	439452.02	3732
6	1	35	DRR18	1003577.77	439422.20	3733
6	1	35	DRR19	1003520.08	439435.39	3733
6	1	35	DRR2	1005354.00	438972.53	3741
6	1	35	DRR20	1005180.43	439072.15	3742
6	1	35	DRR21	1005115.03	439146.53	3748
6	1	35	DRR22	1003436.28	439492.03	3733
6	1	35	DRR23	1002944.22	439720.93	3723
6	1	35	DRR23	1003337.72	439472.90	3732
6	1	35	DRR24	1003246.91	439511.51	3730
6	1	35	DRR25	1003142.38	439545.64	3725
6	1	35	DRR26	1005023.46	439184.76	3747
6	1	35	DRR27	1005102.63	439228.99	3753
6	1	35	DRR28	1003012.05	439587.26	3723
6	1	35	DRR29	1002890.23	439552.81	3720
6	1	35	DRR3	1005513.95	438910.78	3743

Appendix 3.2-A

Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
6	1	35	DRR30	1002812.98	439621.24	3720
6	1	35	DRR31	1005080.66	439342.69	3755
6	1	35	DRR32	1004934.54	439511.18	3751
6	1	35	DRR34	1005048.48	439550.89	3755
6	1	35	DRR35	1004989.33	439556.87	3751
6	1	35	DRR36	1005025.70	439665.53	3753
6	1	35	DRR37	1005152.45	439644.57	3754
6	1	35	DRR38	1005010.56	439494.27	3751
6	1	35	DRR39	1005097.47	438593.73	3731
6	1	35	DRR4	1004016.72	439566.30	3731
6	1	35	DRR41	1005176.02	438498.38	3735
6	1	35	DRR43	1004980.61	438597.80	3734
6	1	35	DRR44	1006759.88	438755.00	3801
6	1	35	DRR47	1004872.84	438618.52	3734
6	1	35	DRR49	1006692.55	438845.17	3813
6	1	35	DRR5	1005574.86	438988.29	3750
6	1	35	DRR54	1004994.98	438720.47	3743
6	1	35	DRR57	1006603.14	438915.13	3797
6	1	35	DRR58	1004815.30	438725.77	3742
6	1	35	DRR61	1006520.57	438998.13	3791
6	1	35	DRR62	1004896.65	438723.32	3742
6	1	35	DRR64	1006618.43	438996.67	3798
6	1	35	DRR67	1006546.30	439078.91	3791
6	1	35	DRR68	1006569.92	438787.74	3802
6	1	35	DRR69	1006640.70	438686.94	3803
6	1	35	DRR7	1005643.30	439062.57	3750
6	1	35	DRR70	1006529.80	438831.44	3802
6	1	35	DRR71	1006523.47	438751.44	3802
6	1	35	DRR72	1006495.20	438872.74	3791
6	1	35	DRR73	1006589.43	438680.17	3803
6	1	35	DRR74	1006676.53	438655.13	3800
6	1	35	DRR76	1006565.32	438565.15	3806
6	1	35	DRR78	1006404.66	439078.74	3788
6	1	35	DRR79	1006347.05	439162.99	3787
6	1	35	DRR8	1005542.28	439163.44	3751
6	1	35	DRR81	1006233.19	439161.37	3782
6	1	35	DRR82	1006154.43	439262.58	3794
6	1	35	DRR84	1006220.53	439221.68	3780
6	1	35	DRR85	1006170.67	439196.52	3782
6	1	35	DRR86	1006240.38	439102.28	3782
6	1	35	DRR87	1006294.50	439189.76	3782
6	1	35	DRR88	1006121.53	439379.27	3778
6	1	35	DRR9	1005586.58	439249.01	3760

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
6	1	35	DRR90	1005999.39	439398.43	3790
6	1	35	DRR91	1006081.80	439304.19	3794
6	1	35	DRR92	1005962.86	439507.05	3763
6	1	35	DRR94	1006054.54	439495.74	3768
6	1	35	DRR95	1005988.10	439625.19	3763
6	1	35	DRR96	1006113.80	439590.06	3782
6	1	35	DRT33	1007210.73	438611.06	3833
6	1	35	DRT35	1007116.09	438673.20	3830
6	1	35	DRT37	1006986.65	438812.41	3839
6	1	35	DRT38	1007153.39	438607.95	3830
6	1	35	DRT39	1006938.03	438964.85	3851
6	1	35	DRT40	1006994.18	439081.15	3851
6	1	35	DRT41	1007056.02	439053.11	3867
6	1	35	DRT42	1006913.59	439487.27	3839
6	1	35	DRT43	1007002.23	439542.01	3854
6	1	35	DRT44	1006863.90	439476.35	3839
6	1	35	DRT45	1007084.75	438917.55	3864
6	1	35	DRT46	1007130.99	439072.39	3867
6	1	35	DRT47	1007194.50	439027.72	3869
6	1	35	DRT48	1007285.06	438978.65	3869
6	1	35	DRT49	1007093.30	438584.92	3830
6	1	35	DRT50	1007267.23	438880.28	3874
6	1	35	DRT51	1007268.24	438740.08	3865
6	1	35	DRT58	1007043.50	439244.76	3819
6	1	35	DRT59	1007349.58	438984.09	3873
6	1	35	DRT60	1006906.27	439245.09	3801
6	1	35	DRT62	1007150.23	439262.29	3851
6	1	35	DRT83	1007325.15	438507.48	3821
6	1	35	DRT84	1007350.58	438854.99	3877
6	1	35	DRT85	1007235.32	438690.22	3833
6	1	35	DS560	1006198.74	439525.00	3781
6	1	35	DS588	1006188.48	439365.60	3781
6	1	35	DS589	1006194.09	439400.72	3781
6	1	35	DS590	1006204.24	439447.36	3781
6	1	35	DS591	1006173.05	439462.53	3781
6	1	35	DS592	1006059.57	439497.72	3768
6	1	35	DS594	1006204.34	439559.96	3781
6	1	35	DS595	1006108.97	439295.37	3794
6	1	35	DS596	1006182.83	439280.70	3780
6	1	35	DW31	1006645.06	438670.58	3803
6	1	35	DW32	1006582.28	438751.97	3802
6	1	35	DW33	1006521.07	438835.67	3791
6	1	35	DW36	1006913.66	438416.29	3817

Appendix 3.2-A

Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
6	1	35	EN100	1005537.78	441728.25	3822
6	1	35	EN101	1005994.20	441573.58	3790
6	1	35	EN99	1004394.84	441767.94	3785
6	1	35	SP-4	1005093.45	440802.10	3782
6	1	35	SRA1	1005242.42	441846.55	3794
6	1	35	SRA2	1005367.96	441147.03	3798
6	1	35	SRA3	1005185.55	441094.86	3793
6	1	35	SRA4	1004034.21	440450.04	3737
6	1	35	SRA5	1004263.40	439755.55	3740
6	1	35	SRA6	1003932.89	440268.76	3736
6	1	35	SRA7	1003792.59	440095.77	3734
6	1	35	SRA8	1003754.45	439848.16	3729
6	1	35	SRJ1	1005451.52	441100.19	3793
6	1	35	SRM1	1005244.44	441121.50	3793
6	1	35	SRM10	1006438.74	440936.53	3831
6	1	35	SRM101	1006166.67	441505.59	3791
6	1	35	SRM102	1006188.61	441608.36	3807
6	1	35	SRM103	1006110.52	441490.15	3791
6	1	35	SRM104	1006186.49	441475.72	3800
6	1	35	SRM105	1006248.07	441456.59	3790
6	1	35	SRM106	1005976.77	441617.52	3818
6	1	35	SRM107	1005762.24	441673.51	3781
6	1	35	SRM108	1005892.71	441730.28	3801
6	1	35	SRM109	1005827.88	441465.80	3779
6	1	35	SRM110	1005696.34	441523.54	3773
6	1	35	SRM111	1005663.28	441520.38	3771
6	1	35	SRM112	1005498.46	441414.76	3770
6	1	35	SRM113	1005633.99	441513.42	3771
6	1	35	SRM114	1005670.13	441481.54	3773
6	1	35	SRM115	1005376.16	441483.91	3786
6	1	35	SRM115	1006399.30	440868.57	3817
6	1	35	SRM116	1005259.19	441614.00	3774
6	1	35	SRM117	1005083.68	441784.88	3763
6	1	35	SRM118	1005176.76	441937.34	3794
6	1	35	SRM119	1005246.83	441778.73	3771
6	1	35	SRM12	1006469.80	440808.01	3826
6	1	35	SRM120	1005070.90	442087.51	3776
6	1	35	SRM121	1004918.32	442031.51	3759
6	1	35	SRM122	1005149.80	442263.54	3783
6	1	35	SRM123	1004867.81	441825.05	3756
6	1	35	SRM124	1004815.93	442155.41	3783
6	1	35	SRM125	1004805.56	442356.72	3782
6	1	35	SRM126	1004645.18	442121.72	3754

Appendix 3.2-A

Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
6	1	35	SRM127	1004602.40	442295.97	3759
6	1	35	SRM128	1004388.40	442357.33	3752
6	1	35	SRM129	1004700.09	442018.74	3764
6	1	35	SRM13	1006469.32	440839.38	3826
6	1	35	SRM130	1004657.53	441829.89	3752
6	1	35	SRM131	1004329.20	441910.48	3770
6	1	35	SRM132	1002420.33	441933.00	3714
6	1	35	SRM135	1004166.92	442532.67	3751
6	1	35	SRM136	1004073.59	442418.61	3740
6	1	35	SRM137	1004044.44	442513.03	3744
6	1	35	SRM138	1003948.19	442497.75	3733
6	1	35	SRM139	1003891.29	442595.43	3731
6	1	35	SRM14	1006482.21	440853.70	3831
6	1	35	SRM140	1003963.31	442673.58	3759
6	1	35	SRM141	1003873.31	442738.01	3750
6	1	35	SRM142	1004143.64	442419.87	3740
6	1	35	SRM143	1004230.49	442513.88	3751
6	1	35	SRM144	1004214.53	442622.79	3751
6	1	35	SRM145	1004290.41	442659.10	3755
6	1	35	SRM146	1004275.78	442619.39	3751
6	1	35	SRM147	1004280.28	442737.00	3749
6	1	35	SRM148	1004389.08	442573.74	3762
6	1	35	SRM150	1004345.18	442480.23	3762
6	1	35	SRM151	1004431.32	442596.04	3780
6	1	35	SRM152	1004342.75	442417.21	3752
6	1	35	SRM153	1004396.64	442764.02	3750
6	1	35	SRM154	1004466.29	442500.21	3780
6	1	35	SRM155	1004523.43	442379.41	3757
6	1	35	SRM157	1002444.65	442194.83	3712
6	1	35	SRM158	1002421.86	442350.73	3711
6	1	35	SRM159	1004793.40	441626.79	3766
6	1	35	SRM16	1006395.50	440830.36	3802
6	1	35	SRM160	1004824.46	441573.41	3773
6	1	35	SRM161	1004590.35	441785.46	3752
6	1	35	SRM162	1004946.98	441908.76	3757
6	1	35	SRM163	1005005.14	441837.86	3759
6	1	35	SRM164	1004938.70	441857.22	3757
6	1	35	SRM165	1005044.91	441764.01	3763
6	1	35	SRM166	1005213.30	441604.92	3774
6	1	35	SRM167	1004968.54	441650.50	3770
6	1	35	SRM168	1005250.94	441448.02	3774
6	1	35	SRM169	1005284.74	441360.65	3774
6	1	35	SRM2	1005127.93	441192.85	3784

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
6	1	35	SRM3	1005100.76	441050.36	3781
6	1	35	SRM36	1006196.41	440232.96	3825
6	1	35	SRM37	1006212.25	440353.14	3833
6	1	35	SRM40	1006211.79	440318.12	3825
6	1	35	SRM41	1006245.35	440345.92	3833
6	1	35	SRM42	1006177.02	440353.44	3833
6	1	35	SRM43	1006209.43	440385.64	3833
6	1	35	SRM44	1006142.43	440354.04	3830
6	1	35	SRM45	1006177.43	440383.64	3833
6	1	35	SRM46	1006138.05	440382.26	3830
6	1	35	SRM47	1006115.59	440358.34	3830
6	1	35	SRM48	1006140.49	440313.73	3820
6	1	35	SRM49	1006184.18	440322.94	3825
6	1	35	SRM49	1004029.75	442384.56	3737
6	1	35	SRM50	1006245.39	440317.73	3825
6	1	35	SRM56	1006110.21	440313.48	3820
6	1	35	SRM56	1002984.85	443074.59	3744
6	1	35	SRM62	1006416.68	440916.75	3817
6	1	35	SRM63	1006375.87	440845.34	3817
6	1	35	SRM64	1006361.37	440877.78	3817
6	1	35	SRM65	1006355.22	440829.99	3802
6	1	35	SRM9	1006477.24	440876.92	3831
6	1	35	SRM94	1006513.44	441060.29	3839
6	1	35	SRM95	1006444.48	440975.18	3839
6	1	35	SRM96	1006476.36	441071.80	3839
6	1	35	SRP106	1006473.11	441106.59	3816
6	1	35	SRP107	1006453.00	441020.53	3839
6	1	35	SRP108	1006450.49	441041.99	3839
6	1	35	SRP12	1006687.51	440860.02	3842
6	1	35	SRP13	1006774.60	441186.33	3808
6	1	35	SRP139	1006136.04	439786.44	3770
6	1	35	SRP14	1006613.56	441314.02	3800
6	1	35	SRP15	1006872.89	441123.78	3822
6	1	35	SRP16	1006379.84	441461.16	3790
6	1	35	SRP17	1006193.02	441553.99	3800
6	1	35	SRP17	1006292.25	441160.32	3838
6	1	35	SRP18	1006847.24	441338.41	3851
6	1	35	SRP19	1006779.81	441553.15	3874
6	1	35	SRP196	1006438.16	440825.13	3826
6	1	35	SRP197	1006435.32	440851.10	3831
6	1	35	SRP198	1006410.07	440852.62	3817
6	1	35	SRP199	1006435.23	440896.14	3831
6	1	35	SRP21	1006592.67	441699.01	3856

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
6	1	35	SRP22	1006245.09	440909.82	3797
6	1	35	SRP24	1006451.34	440874.14	3831
6	1	35	SRP25	1006535.84	440815.50	3826
6	1	35	SRP26	1006248.32	441739.96	3798
6	1	35	SRP27	1006441.19	441928.83	3800
6	1	35	SRP28	1006647.80	441965.82	3810
6	1	35	SRP29	1006644.34	442194.47	3800
6	1	35	SRP30	1006568.58	441224.84	3800
6	1	35	SRP31	1006457.43	441321.76	3793
6	1	35	SRP33	1006716.49	441215.31	3808
6	1	35	SRP34	1006660.13	441589.52	3865
6	1	35	SRP35	1006784.61	441411.30	3857
6	1	35	SRP36	1006634.34	441635.18	3856
6	1	35	SRP37	1006809.72	441452.23	3867
6	1	35	SRP38	1006778.09	441432.38	3857
6	1	35	SRP39	1006814.80	441403.24	3867
6	1	35	SRP40	1006840.25	441387.83	3867
6	1	35	SRP41	1006836.53	441433.81	3867
6	1	35	SRP42	1006875.32	441499.46	3899
6	1	35	SRP43	1006762.80	441375.03	3857
6	1	35	SRP44	1006782.83	441350.01	3857
6	1	35	SRP45	1006609.33	441677.82	3856
6	1	35	SRP46	1006727.90	441260.95	3839
6	1	35	SRP47	1006760.82	441236.05	3839
6	1	35	SRP48	1006777.50	441213.50	3808
6	1	35	SRP49	1006796.97	441190.17	3808
6	1	35	SRP50	1006670.11	441146.20	3798
6	1	35	SRP51	1006644.02	441169.15	3798
6	1	35	SRP52	1006694.32	441125.16	3808
6	1	35	SRP53	1006616.31	441190.16	3798
6	1	35	SRP54	1006709.77	441111.84	3808
6	1	35	SRP55	1006741.70	441094.80	3808
6	1	35	SRP63	1006417.99	440814.27	3802
6	1	35	SRP64	1006420.87	440879.05	3817
6	1	35	SRP65	1006399.19	440890.44	3817
6	1	35	SRP66	1006416.67	440949.94	3817
6	1	35	SRP75	1006496.78	441006.09	3839
6	1	35	SRP76	1006520.71	440989.11	3839
6	1	35	SRP77	1006434.73	441046.13	3839
6	1	35	SRR1	1006714.86	441282.18	3839
6	1	35	SRR10	1005968.42	440307.54	3823
6	1	35	SRR100	1006179.05	440596.79	3836
6	1	35	SRR101	1006010.58	440594.63	3830

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
6	1	35	SRR102	1006032.01	440790.27	3834
6	1	35	SRR103	1006022.75	440880.89	3837
6	1	35	SRR104	1006093.21	440937.72	3829
6	1	35	SRR105	1006165.01	440886.79	3829
6	1	35	SRR106	1006018.91	440691.87	3830
6	1	35	SRR107	1005899.44	440629.84	3821
6	1	35	SRR108	1005902.11	440735.32	3829
6	1	35	SRR111	1005895.59	440865.05	3832
6	1	35	SRR112	1005810.33	440712.88	3821
6	1	35	SRR113	1006050.66	440206.86	3820
6	1	35	SRR113	1005942.80	440152.82	3802
6	1	35	SRR114	1006500.51	440915.02	3831
6	1	35	SRR115	1006491.69	440942.07	3831
6	1	35	SRR116	1006464.12	440935.35	3831
6	1	35	SRR117	1006475.36	440916.03	3831
6	1	35	SRR118	1006490.46	440892.40	3831
6	1	35	SRR12	1005997.26	440018.42	3788
6	1	35	SRR13	1005969.86	439859.99	3795
6	1	35	SRR14	1006207.12	440660.91	3836
6	1	21	DWA 166	991985.73	449500.78	3783
6	1	21	DWA 169	992161.04	449569.80	3792
6	1	21	DWA 176	992730.99	451847.28	3847
6	1	21	DWA 177	992631.06	452193.87	3825
6	1	21	DWA 178	992680.73	452418.30	3808
6	1	21	DWA 179	992848.45	452658.95	3809
6	1	21	DWA 180	992719.01	452969.64	3798
6	1	21	DWA 181	992832.21	452082.05	3829
6	1	21	DWA 182	992712.36	452569.64	3803
6	1	21	DWA 183	992872.22	453421.22	3800
6	1	21	DWA 184	992400.91	450509.96	3822
6	1	21	DWA 185	992406.45	450721.15	3833
6	1	21	DWA 186	992577.46	452420.56	3808
6	1	21	DWA 187	992613.68	452976.39	3798
6	1	21	DWA 188	992624.52	451911.36	3842
6	1	21	DWA 199	992736.82	454111.01	3789
6	1	21	DWA 201	993076.72	453729.63	3809
6	1	21	DWA 202	992634.17	451734.85	3851
6	1	21	DWA 203	992564.86	452213.89	3823
6	1	21	DWA168	992981.88	450322.79	3824
6	1	21	DWA171	992785.30	450059.15	3825
6	1	21	DWA172	993166.25	450397.84	3822
6	1	21	DWA175	992292.84	449692.17	3799
6	1	21	DWM 36	992700.02	454392.98	3782

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
6	1	21	DWM 37	992954.41	453750.26	3801
6	1	21	DWM 39	992988.97	453653.80	3809
6	1	21	DWM 40	992756.15	454379.13	3787
6	1	21	DWM 41	992787.81	454211.55	3789
6	1	21	DWM 42	992971.43	453409.84	3800
6	1	21	DWM 43	992832.81	454171.07	3789
6	1	21	DWM 44	992925.74	453572.61	3799
6	1	21	DWM 59	992698.41	453033.49	3800
6	1	21	DWM 60	992667.22	451947.84	3842
6	1	21	DWT 98	992781.33	454162.93	3789
6	1	21	DWT11	997034.10	449992.17	3786
6	1	21	DY 134	992689.86	453517.84	3797
6	1	21	DY 2	992896.18	453512.61	3800
6	1	21	DY33	996573.78	449774.71	3808
6	1	21	DY344	997146.32	450032.64	3783
6	1	21	DY37	996690.98	449667.78	3805
6	1	21	DY41	996657.19	449741.55	3805
6	1	21	DY42	996767.08	449595.90	3804
6	1	21	DY50	996758.40	449967.81	3797
6	1	21	DY58	996865.17	450017.58	3792
6	1	21	DY75	996950.77	450059.39	3783
6	1	21	DY85	996851.15	449733.92	3804
6	1	21	DY87	996863.38	449591.13	3804
6	1	21	EN841A	996813.88	449762.76	3800
6	1	21	LK19	996980.77	449235.88	3788
6	1	36	DK157	1007642.66	438498.03	3848
6	1	36	FK1	1009675.75	438375.82	3900
6	1	36	FK2	1009506.25	438327.77	3900
6	1	36	FK22	1007430.20	438764.71	3866
6	1	36	FK23	1007447.59	439158.56	3892
6	1	36	FK3	1009230.13	438385.93	3910
6	1	36	FK4	1008684.71	438381.57	3912
6	1	36	FK5	1008749.89	438708.12	3919
6	1	36	FO128	1008480.56	438751.58	3923
6	1	36	FO129	1008462.21	438794.01	3923
6	1	36	FO131	1008511.58	438594.85	3922
6	1	36	FO155	1008651.48	438988.48	3937
6	1	36	FO156	1008643.30	438971.25	3937
6	1	36	FO157	1008703.91	438987.25	3939
6	1	36	FO159	1008756.43	438997.73	3939
6	1	36	FO160	1008850.03	439111.73	3945
6	1	36	FO161	1008841.02	439083.34	3940
6	1	36	FO162	1008882.34	439074.86	3940

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
6	1	36	FO163	1008879.69	439047.38	3940
6	1	36	FO164	1009049.54	439066.96	3947
6	1	36	FO165	1009047.66	439097.51	3951
6	1	36	FO166	1009042.56	439129.71	3951
6	1	36	FO167	1009030.66	439153.23	3951
6	1	36	FO168	1009022.33	439171.04	3951
6	1	36	FO169	1009010.95	439188.32	3951
6	1	36	FO173	1009078.57	439018.70	3945
6	1	36	FO174	1009089.48	438994.23	3945
6	1	36	FO175	1009075.33	438974.85	3945
6	1	36	FO176	1009347.88	438959.49	3925
6	1	36	FO177	1009336.53	438977.29	3925
6	1	36	FO178	1009325.91	438987.89	3925
6	1	36	FO180	1009289.79	438972.41	3930
6	1	36	FO181	1009271.78	438964.75	3930
6	1	36	FO182	1009292.99	438953.75	3931
6	1	36	FO183	1009241.02	438960.25	3930
6	1	36	FO184	1009251.79	438943.14	3931
6	1	36	FO185	1009261.66	438927.73	3931
6	1	36	FO186	1009276.09	439004.32	3930
6	1	36	FO187	1009299.62	438936.63	3931
6	1	36	FO188	1009234.58	438974.85	3930
6	1	36	FO189	1009301.55	439176.35	3930
6	1	36	FO190	1009328.08	439144.26	3925
6	1	36	FO191	1009339.70	439122.95	3925
6	1	36	FO192	1009342.58	439102.97	3925
6	1	36	FO193	1009353.41	439083.19	3925
6	1	36	FO194	1009326.38	439088.39	3925
6	1	36	FO195	1009318.56	439111.23	3925
6	1	36	FO196	1009308.91	439128.98	3930
6	1	36	FO197	1009366.11	439100.74	3925
6	1	36	FO198	1009360.91	439122.31	3925
6	1	36	FO199	1009353.21	439057.31	3925
6	1	36	FO200	1009322.27	439009.24	3925
6	1	36	FO201	1009307.52	438995.44	3930
6	1	36	FO202	1009282.18	438986.56	3930
6	1	36	FO213	1008284.34	438958.62	3913
6	1	36	FO214	1008282.07	439010.12	3913
6	1	36	FO215	1008282.48	438996.04	3913
6	1	36	FO216	1008282.96	438985.81	3913
6	1	36	FO217	1008282.81	438973.93	3913
6	1	36	FO252	1008571.33	438760.87	3922
6	1	36	FO299	1008619.15	438911.44	3926

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
6	1	36	FO300	1008640.62	438913.36	3926
6	1	36	FO303	1008606.91	438896.49	3926
6	1	36	FO87	1009379.53	438993.18	3925
6	1	36	FOA1	1009689.50	438379.61	3906
6	1	36	FOA11	1009647.94	438341.77	3900
6	1	36	FOA12	1009652.57	438324.10	3897
6	1	36	FOA13	1009653.56	438295.76	3897
6	1	36	FOA14	1009690.45	438303.49	3906
6	1	36	FOA15	1009706.81	438283.70	3906
6	1	36	FOA19	1009315.04	438385.08	3904
6	1	36	FOA2	1009660.82	438362.41	3900
6	1	36	FOA20	1009356.41	438467.77	3918
6	1	36	FOA21	1009181.75	438487.99	3912
6	1	36	FOA23	1009015.27	438419.66	3902
6	1	36	FOA25	1009087.31	438605.14	3912
6	1	36	FOA26	1009135.68	438654.95	3912
6	1	36	FOA27	1009083.38	438569.48	3912
6	1	36	FOA28	1009075.71	438641.79	3912
6	1	36	FOA29	1009029.33	438572.90	3907
6	1	36	FOA3	1009621.06	438421.74	3900
6	1	36	FOA30	1008948.74	438423.92	3902
6	1	36	FOA31	1008945.86	438450.01	3902
6	1	36	FOA32	1008886.96	438430.31	3904
6	1	36	FOA33	1008913.02	438408.63	3904
6	1	36	FOA34	1008991.33	438527.40	3907
6	1	36	FOA35	1009062.02	438573.64	3912
6	1	36	FOA36	1009163.89	438642.71	3912
6	1	36	FOA37	1009126.58	438585.96	3912
6	1	36	FOA38	1009235.85	438684.96	3918
6	1	36	FOA39	1009266.65	438720.63	3923
6	1	36	FOA4	1009706.58	438326.00	3906
6	1	36	FOA40	1009273.97	438750.47	3923
6	1	36	FOA41	1009302.93	438829.70	3923
6	1	36	FOA42	1009291.95	438688.43	3918
6	1	36	FOA43	1009324.92	438708.86	3921
6	1	36	FOA44	1009361.79	438726.95	3921
6	1	36	FOA45	1009355.77	438703.56	3923
6	1	36	FOA46	1009399.98	438743.83	3921
6	1	36	FOA47	1009381.12	438759.95	3921
6	1	36	FOA48	1009338.66	438742.26	3921
6	1	36	FOA49	1009397.49	438782.24	3921
6	1	36	FOA5	1009716.44	438383.57	3906
6	1	36	FOA50	1009429.32	438765.91	3921

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
6	1	36	FOA51	1009457.84	438783.54	3924
6	1	36	FOA52	1009488.25	438821.22	3924
6	1	36	FOA53	1009545.31	438852.50	3925
6	1	36	FOA54	1009590.31	438871.49	3930
6	1	36	FOA55	1009632.36	438889.28	3930
6	1	36	FOA57	1009594.46	438884.65	3930
6	1	36	FOA58	1009588.24	438849.42	3930
6	1	36	FOA58	1009676.19	438936.17	3930
6	1	36	FOA59	1009621.15	438903.40	3930
6	1	36	FOA6	1009728.10	438413.42	3906
6	1	36	FOA60	1009601.40	438910.48	3930
6	1	36	FOA61	1009564.05	438870.33	3930
6	1	36	FOA62	1009565.12	438842.61	3930
6	1	36	FOA64	1009526.63	438832.81	3925
6	1	36	FOA65	1009582.12	438825.03	3923
6	1	36	FOA83	1009519.38	438860.15	3925
6	1	36	FOM10	1008605.20	438658.19	3922
6	1	36	FOM11	1008662.89	438655.41	3922
6	1	36	FOM12	1008700.50	438615.18	3915
6	1	36	FOM13	1008692.50	438659.96	3915
6	1	36	FOM14	1008658.10	438625.48	3922
6	1	36	FOM15	1008685.83	438685.88	3915
6	1	36	FOM16	1008709.06	438710.70	3919
6	1	36	FOM17	1009149.24	438559.41	3912
6	1	36	FOM18	1009498.59	438788.07	3924
6	1	36	FOM2	1008565.71	438709.52	3922
6	1	36	FOM20	1009580.98	438332.05	3900
6	1	36	FOM3	1008571.72	438658.66	3922
6	1	36	FOM30	1008489.73	438655.13	3922
6	1	36	FOM4	1008522.12	438674.16	3922
6	1	36	FOM5	1008584.33	438779.78	3922
6	1	36	FOM6	1008559.50	438746.59	3922
6	1	36	FOM7	1008544.06	438726.46	3923
6	1	36	FOM8	1008620.02	438729.31	3922
6	1	36	FOM9	1008625.22	438688.15	3922
6	1	36	FOT1	1007495.91	438806.27	3866
6	1	36	FOT2	1007510.31	438985.72	3886
6	1	36	FOT3	1007425.63	438974.46	3873
6	1	36	FOT4	1007403.98	439074.55	3873
6	1	36	FOT5	1007436.83	438782.78	3866
6	1	36	FP2	1007575.21	441198.88	3891
6	1	36	FP3	1007589.56	441511.66	3928
6	1	36	FP4	1007436.49	438961.42	3886

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
6	1	36	FP5	1007416.68	438514.54	3821
6	1	36	FP6	1008116.49	438510.86	3891
6	1	36	FP7	1008430.75	438637.12	3922
6	1	36	FP8	1007720.92	438452.94	3853
6	1	36	FP9	1008890.57	438628.04	3911
6	1	27	DOT1	998349.45	445342.24	3720
6	1	27	DOT3	999080.93	446215.98	3712
6	1	27	EM63	997313.41	444706.56	3733
6	1	27	HDJ18	997556.73	446774.32	3769
6	1	27	HDJ22	997659.54	446758.91	3769
6	1	27	HDJ27	997171.82	447368.58	3757
6	1	27	HDJ28	997357.94	448756.55	3780
6	1	27	HDJ30	997238.68	447517.28	3759
6	1	27	HDR12	997144.41	446769.28	3772
6	1	27	HDR13	997239.13	446703.81	3782
6	1	27	HDR15	997271.09	446847.15	3770
6	1	27	HDR16	997339.74	446741.95	3780
6	1	27	HDR17	997426.62	446808.17	3768
6	1	27	HDR18	997513.01	446864.88	3769
6	1	27	HDR19	997623.71	446883.27	3767
6	1	27	HDR20	997718.59	446826.09	3769
6	1	27	HDR21	997844.90	446822.91	3767
6	1	27	HDR22	997950.03	446828.47	3765
6	1	27	HDR23	998247.09	446930.83	3742
6	1	27	HDR24	998339.68	447169.12	3733
6	1	27	HDR25	998501.57	447127.74	3737
6	1	27	HDR26	999022.35	447396.30	3738
6	1	27	HDR27	999381.78	447067.36	3728
6	1	27	HDR29	997343.41	447515.31	3756
6	1	27	HK18	997263.62	449005.54	3784
6	1	29	DWA 104	991546.11	444116.11	3692
6	1	29	DWA 114	990377.29	445697.60	3663
6	1	29	DWA 119	987753.54	444285.44	3633
6	1	29	DWA 125	987566.73	444308.30	3631
6	1	29	DWA 126	989194.03	444286.72	3642
6	1	29	DWA 128	987679.94	444356.81	3631
6	1	29	DWA 13	987298.95	444393.12	3631
6	1	29	DWA 131	987391.04	444373.17	3632
6	1	29	DWA 139	987822.47	444337.61	3633
6	1	29	DWA 14	986698.45	444468.93	3622
6	1	29	DWA 140	987220.87	444511.99	3631
6	1	29	DWA 142	987407.17	444475.77	3632
6	1	29	DWA 143	988018.61	444472.28	3632

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
6	1	29	DWA 157	991521.35	449303.53	3756
6	1	29	DWA 158	991624.10	447584.16	3735
6	1	29	DWA 161	991781.62	447498.85	3743
6	1	29	DWA 165	990658.81	447668.74	3700
6	1	29	DWA 173	991877.90	447642.88	3744
6	1	29	DWA 192	989206.67	444657.34	3648
6	1	29	DWA 193	988977.30	444481.48	3643
6	1	29	DWA 196	990519.16	445666.33	3663
6	1	29	DWA 197	986608.60	444559.91	3626
6	1	29	DWA 34	988977.99	444228.52	3639
6	1	29	DWA 35	989041.26	444417.95	3643
6	1	29	DWA 37	989113.72	444583.74	3646
6	1	29	DWA 39	989200.86	444451.80	3644
6	1	29	DWA159	990024.12	449479.51	3725
6	1	29	DWA165	990131.72	447690.16	3687
6	1	29	DWA38	989048.00	444785.43	3650
6	1	29	DWM 58	986662.39	444332.65	3622
6	1	29	DWR 1	990770.09	446817.45	3689
6	1	29	DWR 10	991097.82	447061.50	3701
6	1	29	DWR 105	991292.96	449449.87	3742
6	1	29	DWR 108	991293.27	449298.81	3741
6	1	29	DWR 110	991383.02	449194.23	3744
6	1	29	DWR 116	990493.96	445929.77	3665
6	1	29	DWR 12	990957.26	446475.26	3684
6	1	29	DWR 13	990525.53	448137.11	3699
6	1	29	DWR 14	991074.31	446479.20	3687
6	1	29	DWR 15	990584.96	448272.59	3701
6	1	29	DWR 16	990733.17	446323.27	3678
6	1	29	DWR 17	990509.78	448550.07	3701
6	1	29	DWR 18	991002.59	446361.28	3682
6	1	29	DWR 2	990766.22	446186.34	3674
6	1	29	DWR 21	990583.17	448739.31	3702
6	1	29	DWR 22	991380.20	447025.82	3715
6	1	29	DWR 23	991399.35	446871.49	3712
6	1	29	DWR 24	990737.90	448772.34	3724
6	1	29	DWR 25	991323.97	447168.78	3712
6	1	29	DWR 26	991283.86	446769.04	3707
6	1	29	DWR 27	990735.04	448538.27	3711
6	1	29	DWR 28	991022.50	447188.75	3704
6	1	29	DWR 29	991159.35	446394.11	3693
6	1	29	DWR 3	990921.29	446796.58	3694
6	1	29	DWR 30	990788.15	448656.61	3715
6	1	29	DWR 31	991090.15	447340.35	3704

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
6	1	29	DWR 32	991263.48	446524.04	3698
6	1	29	DWR 33	990904.02	448765.77	3723
6	1	29	DWR 34	991219.33	447294.93	3709
6	1	29	DWR 35	991304.02	446666.82	3703
6	1	29	DWR 36	991098.46	448823.33	3728
6	1	29	DWR 37	991452.25	446624.34	3704
6	1	29	DWR 38	991764.52	446901.47	3722
6	1	29	DWR 39	990417.06	448741.91	3706
6	1	29	DWR 4	990471.67	447691.67	3693
6	1	29	DWR 40	990477.90	445758.67	3663
6	1	29	DWR 42	990440.91	445603.90	3660
6	1	29	DWR 44	990445.64	449192.86	3720
6	1	29	DWR 45	990512.67	448982.28	3716
6	1	29	DWR 46	990433.85	448992.63	3715
6	1	29	DWR 47	990576.92	449097.48	3719
6	1	29	DWR 48	990670.70	449255.75	3724
6	1	29	DWR 5	990830.46	446107.37	3672
6	1	29	DWR 50	991627.60	446756.16	3712
6	1	29	DWR 51	991173.64	446488.02	3693
6	1	29	DWR 52	991749.44	446751.36	3720
6	1	29	DWR 53	991202.67	446591.26	3695
6	1	29	DWR 54	990908.84	446919.52	3695
6	1	29	DWR 55	991633.62	446658.77	3712
6	1	29	DWR 57	990764.72	446902.91	3691
6	1	29	DWR 58	990861.63	447203.39	3700
6	1	29	DWR 59	991122.82	446932.41	3705
6	1	29	DWR 6	990995.54	446986.55	3702
6	1	29	DWR 61	990617.37	446765.95	3686
6	1	29	DWR 62	991564.05	447143.53	3721
6	1	29	DWR 63	991237.05	447404.24	3717
6	1	29	DWR 64	990546.80	449368.95	3722
6	1	29	DWR 65	990910.34	447308.28	3702
6	1	29	DWR 67	991679.21	447081.42	3724
6	1	29	DWR 68	990743.28	447291.58	3697
6	1	29	DWR 70	990597.61	446829.49	3682
6	1	29	DWR 71	991800.39	447193.99	3736
6	1	29	DWR 72	990704.62	447167.25	3690
6	1	29	DWR 73	991120.34	447497.51	3713
6	1	29	DWR 75	990599.03	447219.68	3687
6	1	29	DWR 76	991828.73	447086.17	3732
6	1	29	DWR 77	990583.43	447121.82	3687
6	1	29	DWR 8	990948.32	445747.37	3678
6	1	29	DWR 80	990490.03	447187.71	3687

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
6	1	29	DWR 81	991289.81	447545.65	3721
6	1	29	DWR 82	990672.52	449453.71	3724
6	1	29	DWR 85	991488.57	447467.49	3724
6	1	29	DWR 9	990843.85	446333.49	3678
6	1	29	DWR 93	990918.57	449363.73	3726
6	1	29	DWR 99	991110.73	449378.21	3737
6	1	29	DWR108	991295.02	449299.19	3741
6	1	29	DWR110	991387.44	449194.33	3744
6	1	29	DWR13	989685.57	448171.55	3701
6	1	29	DWR14(?)	989554.84	447728.31	3687
6	1	29	DWR15	989853.88	448302.69	3707
6	1	29	DWR17	989609.59	448585.84	3703
6	1	29	DWR21	989810.19	448769.94	3720
6	1	29	DWR24	990269.77	448790.22	3710
6	1	29	DWR27	990285.91	448555.74	3702
6	1	29	DWR39	989314.92	448784.97	3700
6	1	29	DWR45	989583.43	449020.19	3710
6	1	29	DWR46	989767.62	449130.19	3721
6	1	29	DWR47	989370.36	449236.46	3712
6	1	29	DWR48	990037.17	449281.32	3724
6	1	29	DWR64	989656.93	449403.60	3722
6	1	29	DWR82	990766.14	449369.43	3722
6	1	29	DWT 13	986767.81	444511.76	3627
6	1	29	DWT 15	987116.52	444492.03	3633
6	1	29	DWT 30	990617.68	447542.50	3700
6	1	29	DWT 31	991724.33	447696.14	3736
6	1	29	DWT 32	990600.43	446899.31	3683
6	1	29	DWT 34	991232.44	447049.84	3709
6	1	29	DWT 36	991580.07	446999.46	3718
6	1	29	DWT 37	990857.61	447729.58	3704
6	1	29	DWT 38	990495.02	447267.92	3692
6	1	29	DWT 39	990801.50	447473.82	3698
6	1	29	DWT 40	991016.39	445874.74	3680
6	1	29	DWT 41	990648.90	447387.49	3697
6	1	29	DWT 42	990495.76	447837.87	3696
6	1	29	DWT 43	990526.37	447383.97	3695
6	1	29	DWT 44	990575.56	447915.52	3697
6	1	29	DWT 45	990653.62	448039.55	3701
6	1	29	DWT 46	990793.57	448198.23	3707
6	1	29	DWT 47	990907.77	446050.55	3679
6	1	29	DWT 65	987320.85	444529.22	3631
6	1	29	DWT 71	987487.45	444373.07	3632
6	1	29	DWT 8	987895.72	444391.39	3632

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
6	1	29	DWT42	989629.32	447872.91	3696
6	1	29	DWT43(?)	989856.62	447945.85	3697
6	1	29	DWT45	990086.51	448062.76	3702
6	1	29	DY 5	990650.27	448413.30	3705
6	1	29	DY5	990030.49	448438.49	3709
6	1	29	ELA 108	989821.53	444779.13	3644
6	1	29	ELA 109	989904.36	445036.83	3641
6	1	29	ELA 110	989669.65	444331.83	3633
6	1	29	ELA 19	989741.97	445327.37	3648
6	1	29	ELA 20	989614.23	444675.78	3635
6	1	29	ELA 21	989658.28	445090.34	3641
6	1	29	ELA 22	989609.60	444491.09	3632
6	1	29	ELA 23	989529.10	445201.17	3642
6	1	29	ELA 24	989410.65	444401.80	3643
6	1	29	ELA 25	989489.29	445013.11	3643
6	1	29	ELA 26	989579.05	444866.90	3643
6	1	29	ELA 27	989420.44	444792.97	3644
6	1	29	ELA 28	989317.19	444275.14	3643
6	1	29	ELA 30	989646.42	445246.61	3648
6	1	29	ELA 31	989915.33	445567.45	3652
6	1	29	ELA 32	990328.56	446066.59	3663
6	1	29	ELA 34	989331.55	444892.93	3649
6	1	29	ELA 37	989266.10	444590.41	3645
6	1	29	ELA 42	989478.60	444172.90	3641
6	1	29	ELA 44	989668.13	444904.96	3640
6	1	29	ELA 66	989996.55	445054.73	3643
6	1	29	ELA 67	989581.23	444338.45	3642
6	1	29	ELA 71	990214.81	445208.66	3648
6	1	29	ELA 72	990098.61	444867.33	3641
6	1	29	ELA 73	989970.51	444719.12	3634
6	1	29	ELA 75	990173.34	445047.01	3647
6	1	29	ELA 76	989593.28	444194.23	3641
6	1	29	ELA 77	989423.88	444237.87	3644
6	1	29	ELA 78	989371.48	444816.89	3644
6	1	29	ELA 79	990098.85	445734.60	3651
6	1	29	ELA 80	990323.60	445385.73	3651
6	1	29	ELA 81	990257.90	444990.70	3650
6	1	29	ELA 82	989586.95	445170.34	3642
6	1	29	ELA 83	990176.43	444713.02	3641
6	1	29	ELA 84	990454.83	446048.11	3662
6	1	29	ELA 85	989996.61	445364.02	3646
6	1	29	ELA 86	990322.82	445270.11	3652
6	1	29	ELA 87	989909.33	444485.67	3632

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
6	1	29	ELA 88	990326.98	444911.54	3647
6	1	29	ELA 89	990326.62	445499.73	3658
6	1	29	ELM 106	989977.02	444668.63	3631
6	1	29	ELM 107	989322.74	445007.27	3650
6	1	29	ELM 108	989495.42	444369.56	3635
6	1	29	ELM 4	989275.76	444735.75	3648
6	1	29	ELR 1	990476.75	446138.21	3671
6	1	29	ELR 10	990255.27	445753.38	3660
6	1	29	ELR 12	989893.82	445410.40	3650
6	1	29	ELR 13	990097.41	445828.28	3652
6	1	29	ELR 14	989865.30	445204.30	3643
6	1	29	ELR 16	989920.40	445703.82	3652
6	1	29	ELR 17	989860.66	445007.39	3641
6	1	29	ELR 18	989796.61	445532.38	3653
6	1	29	ELR 19	989728.19	444848.20	3644
6	1	29	ELR 3	990429.61	445983.94	3662
6	1	29	ELR 5	990274.06	445931.87	3662
6	1	29	ELR 68	989509.61	444726.34	3632
6	1	29	ELR 69	989801.55	444690.57	3641
6	1	29	ELR 7	990303.84	445583.60	3658
6	1	29	ELR 70	990079.47	445616.79	3651
6	1	29	ELR 72	990137.28	445342.10	3649
6	1	29	ELR 73	989393.42	444499.83	3642
6	1	29	ELR 76	990067.44	445211.90	3642
6	1	29	ELR 77	989901.08	444879.49	3637
6	1	29	ELR 85	989984.29	444567.14	3632
6	1	29	ELR 9	990124.89	445499.55	3654
6	1	29	ELT 95	989788.13	445422.23	3653
6	1	29	ELT 96	989634.76	444580.14	3632
6	1	34	DWT94	996856.46	440446.58	3692
6	1	34	SNJ1	997832.18	441397.26	3680
6	1	34	SNJ11	997042.57	441090.40	3690
6	1	34	SNJ12	998028.78	440378.58	3672
6	1	34	SNJ13	998197.00	440232.08	3672
6	1	34	SNJ14	999225.70	439322.05	3669
6	1	34	SNJ15	997743.57	441248.65	3682
6	1	34	SNJ16	997878.52	440835.37	3676
6	1	34	SNJ17	998185.41	440776.64	3674
6	1	34	SNJ18	998350.66	440386.50	3673
6	1	34	SNJ19	1000067.89	440054.92	3684
6	1	34	SNJ2	998291.16	441348.26	3678
6	1	34	SNJ20	998399.54	440862.95	3675
6	1	34	SNJ21	999545.39	439664.88	3675

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
6	1	34	SNJ22	998132.52	441336.77	3678
6	1	34	SNJ3	997992.90	441275.42	3679
6	1	34	SNJ4	997937.13	440996.24	3678
6	1	34	SNJ5	997292.14	441353.44	3691
6	1	34	SNJ6	998026.17	440796.23	3673
6	1	34	SNJ7	997397.61	441163.77	3685
6	1	34	SNJ8	998123.19	440579.86	3672
6	1	34	SNJ9	997089.42	441307.66	3696
6	1	34	SNT-1	999018.13	439081.26	3667
6	1	34	SNT10	998109.49	440410.08	3672
6	1	34	SNT10	998370.50	439775.03	3665
6	1	34	SNT10	998807.89	441965.77	3682
6	1	34	SNT11	998263.85	440410.33	3673
6	1	34	SNT12	997541.35	441316.10	3683
6	1	34	SNT13	998069.30	440058.48	3670
6	1	34	SNT14	998296.89	440685.88	3674
6	1	34	SNT15	998150.44	441491.30	3678
6	1	34	SNT16	998256.81	439889.12	3668
6	1	34	SNT17	998458.23	440368.73	3672
6	1	34	SNT18	998268.59	441665.74	3679
6	1	34	SNT19	998148.75	439770.73	3667
6	1	34	SNT2	997234.92	440367.46	3680
6	1	34	SNT20	996977.59	440687.25	3692
6	1	34	SNT21	997904.60	440145.78	3672
6	1	34	SNT22	998560.27	440556.31	3671
6	1	34	SNT23	997070.62	440491.24	3685
6	1	34	SNT24	998458.32	441735.13	3681
6	1	34	SNT25	998000.77	439631.06	3664
6	1	34	SNT26	997828.47	439940.92	3670
6	1	34	SNT3	997515.87	441594.64	3682
6	1	34	SNT5	1000423.61	440382.96	3688
6	1	34	SNT6	997252.06	440579.28	3681
6	1	34	SNT-7	998135.17	441177.39	3678
6	1	34	SNT8	997740.65	440814.02	3677
6	1	34	SNT-9	998505.37	441544.84	3679
6	1	28	CAT1	996745.93	444661.22	3736
6	1	28	DWA 164	991930.83	447745.43	3744
6	1	28	DWA 167	992142.84	447561.26	3762
6	1	28	DWA 170	992294.58	447653.25	3763
6	1	28	DWA 174	992461.80	447516.23	3768
6	1	28	DWJ10	994595.88	447325.79	3813
6	1	28	DWJ11	995045.77	447530.05	3820
6	1	28	DWJ12	995180.89	447718.18	3838

Appendix 3.2-A

Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
6	1	28	DWJ13	995384.43	447376.20	3837
6	1	28	DWJ2	995279.03	447186.95	3816
6	1	28	DWJ3	995467.58	447575.04	3846
6	1	28	DWJ4	995435.40	447114.37	3815
6	1	28	DWJ5	995575.68	447227.65	3836
6	1	28	DWJ6	995727.08	447381.96	3855
6	1	28	DWJ7	995480.70	446673.36	3793
6	1	28	DWJ8	994952.77	447424.86	3827
6	1	28	DWJ9	994918.15	447592.47	3830
6	1	28	DWR 101	993508.25	447276.56	3819
6	1	28	DWR 103	992711.86	447300.17	3779
6	1	28	DWR 104	993361.20	447261.57	3800
6	1	28	DWR 106	992827.44	447239.44	3781
6	1	28	DWR 107	993223.24	447146.74	3780
6	1	28	DWR 109	992974.29	447256.00	3789
6	1	28	DWR 49	991875.59	446744.83	3727
6	1	28	DWR 56	991909.99	446856.11	3727
6	1	28	DWR 60	992032.22	446823.97	3731
6	1	28	DWR 74	992601.29	446883.05	3758
6	1	28	DWR 78	992679.34	447008.95	3769
6	1	28	DWR 79	991934.77	447187.54	3742
6	1	28	DWR 83	992853.00	446951.80	3769
6	1	28	DWR 84	992017.36	447113.10	3735
6	1	28	DWR 86	992949.94	447041.49	3771
6	1	28	DWR 89	993200.47	447017.87	3779
6	1	28	DWR 92	993367.60	447048.25	3805
6	1	28	DWR 95	993539.88	447061.24	3814
6	1	28	DWR 97	992515.80	447278.56	3773
6	1	28	DWR 98	993670.06	447197.00	3825
6	1	28	DWR112	994675.91	447396.49	3837
6	1	28	DWR113	994859.47	447483.84	3827
6	1	28	DWR114	995350.26	446831.60	3800
6	1	28	DWT9	994213.18	444247.03	3710
6	1	28	DY96	995676.20	447104.32	3833
6	1	28	DY97	995001.30	447244.07	3814
6	1	28	HDA1	996954.49	448582.22	3781
6	1	28	HDA2	996764.25	447609.40	3773
6	1	28	HDA3	996723.85	448473.61	3787
6	1	28	HDA4	996850.15	448455.91	3783
6	1	28	HDA5	996773.32	448347.58	3782
6	1	28	HDA6	996992.56	447359.35	3766
6	1	28	HDJ1	996569.14	448325.11	3786
6	1	28	HDJ10	996872.63	446988.67	3774

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
6	1	28	HDJ11	996713.61	447762.56	3780
6	1	28	HDJ12	996800.53	447063.64	3769
6	1	28	HDJ13	996661.44	447659.38	3781
6	1	28	HDJ14	996760.97	447150.89	3768
6	1	28	HDJ15	996558.38	447577.15	3789
6	1	28	HDJ16	996789.21	447256.90	3770
6	1	28	HDJ17	996623.15	447510.58	3789
6	1	28	HDJ19	996707.38	447365.16	3781
6	1	28	HDJ2	996806.21	447939.72	3777
6	1	28	HDJ20	996611.35	447316.74	3792
6	1	28	HDJ21	996543.67	447392.41	3790
6	1	28	HDJ23	996948.93	449080.22	3783
6	1	28	HDJ24	996468.43	447320.16	3800
6	1	28	HDJ25	997172.91	448815.50	3781
6	1	28	HDJ26	996376.34	447309.62	3804
6	1	28	HDJ29	996320.89	447396.56	3807
6	1	28	HDJ3	996973.27	448075.74	3772
6	1	28	HDJ31	996199.70	447372.89	3814
6	1	28	HDJ32	996517.93	447199.91	3791
6	1	28	HDJ33	996046.27	447504.07	3823
6	1	28	HDJ34	996888.29	448663.81	3781
6	1	28	HDJ35	996573.30	447099.52	3788
6	1	28	HDJ37	996527.09	446995.05	3788
6	1	28	HDJ38	996603.42	446937.46	3785
6	1	28	HDJ4	996622.65	448242.00	3782
6	1	28	HDJ5	996641.87	448131.11	3782
6	1	28	HDJ6	996758.32	448030.64	3778
6	1	28	HDJ7	996705.39	447945.48	3781
6	1	28	HDJ8	996943.80	447060.09	3760
6	1	28	HDJ9	996643.87	447859.62	3780
6	1	28	HDR1	997023.91	448723.86	3780
6	1	28	HDR10	996998.39	446927.82	3769
6	1	28	HDR11	997078.72	446844.28	3784
6	1	28	HDR14	997132.84	446952.75	3761
6	1	28	HDR2	996769.81	448219.51	3780
6	1	28	HDR28	996820.02	446854.37	3788
6	1	28	HDR3	996959.27	447798.84	3770
6	1	28	HDR30	996469.93	447099.53	3793
6	1	28	HDR31	996394.76	447172.12	3796
6	1	28	HDR4	996855.93	447506.76	3773
6	1	28	HDR5	996850.37	447273.60	3770
6	1	28	HDR6	996977.70	447493.12	3766
6	1	28	HDR7	997041.36	447318.43	3762

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
6	1	28	HDR8	997064.15	447691.16	3764
6	1	28	HDR9	997054.64	447023.66	3760
6	1	28	HDS1	996682.53	448859.73	3796
6	1	28	HDS10	996774.69	449177.99	3789
6	1	28	HDS11	996610.34	448891.46	3805
6	1	28	HDS12	996506.05	448942.41	3805
6	1	28	HDS13	996494.96	449045.68	3806
6	1	28	HDS14	996371.17	448621.93	3809
6	1	28	HDS15	996310.70	448800.67	3817
6	1	28	HDS16	996995.17	447126.54	3763
6	1	28	HDS2	996775.75	448808.20	3785
6	1	28	HDS3	996968.07	448761.00	3782
6	1	28	HDS4	996897.82	448871.78	3782
6	1	28	HDS5	996964.92	448971.45	3782
6	1	28	HDS6	996799.65	448863.39	3785
6	1	28	HDS7	996864.49	448929.09	3785
6	1	28	HDS8	996859.13	449014.60	3783
6	1	28	HDS9	996848.88	449108.22	3783
6	1	28	HDW1	996286.48	448691.46	3812
6	1	28	HDW2	996243.49	448469.83	3805
6	1	28	HDW3	996369.29	448367.58	3803
6	1	28	HDW4	996446.78	448464.86	3799
6	1	28	HDW5	996548.55	448527.19	3799
6	1	28	HK22	996718.14	449022.61	3792
6	1	28	HK23	996179.33	449020.35	3820
6	1	28	HK24	996593.79	448896.09	3805
6	1	28	HP1	996422.82	449182.48	3804
6	1	28	HP-2	996349.79	449210.55	3807
6	1	28	HP3	996245.18	449159.95	3818
6	1	28	HP4	996135.72	449204.57	3818
6	1	28	HP5	996557.46	449175.78	3799
6	1	28	HSJ36	996671.73	448376.39	3787
6	1	28	HWT10	995524.45	446073.26	3774
6	1	20	DWA 134	990634.43	454304.08	3750
6	1	20	DWA 135	989926.58	454595.92	3742
6	1	20	DWA 136	990340.10	454085.39	3737
6	1	20	DWA 159	990835.59	449498.09	3729
6	1	20	DWA 162	990691.93	449572.81	3727
6	1	20	DWA 163	991630.94	449454.49	3766
6	1	20	DWA162	990079.30	449598.13	3725
6	1	20	DWJ 14	990494.40	449569.18	3726
6	1	20	DWJ 14	989481.75	449610.16	3724
6	1	20	DWM 46	990455.34	454030.73	3741

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
6	1	20	DWM 47	990210.55	454138.01	3731
6	1	20	DWM 48	989909.80	454728.49	3743
6	1	20	DWM 49	989875.06	454668.30	3743
6	1	20	DWM 50	990645.95	454323.63	3750
6	1	20	DWM 51	990416.11	454096.15	3741
6	1	20	DWM 52	990643.60	454378.78	3750
6	1	20	DWM 53	989406.23	453721.20	3721
6	1	20	DWM 54	990474.52	454091.35	3741
6	1	20	DWM 55	990573.46	453136.42	3743
6	1	20	DWM 56	989460.97	453606.72	3723
6	1	20	DWR 102	991193.72	449492.92	3738
6	1	20	DWR 88	990637.60	449709.43	3733
6	1	20	DWR 91	990751.15	449687.73	3736
6	1	20	DWR 96	990918.43	449574.71	3736
6	1	20	DWR88	989906.15	449738.20	3730
6	1	20	DWR91	990242.20	449707.51	3725
6	1	20	DWT 97	990379.13	454027.29	3741
6	1	20	DWT 99	990287.68	453968.53	3734
6	1	16	DWA 200	992593.00	454687.07	3762
6	1	16	DWM 45	992760.19	454675.33	3770
6	1	16	DY 102	992748.75	455698.80	3773
6	1	16	DY 111	992534.09	456118.84	3766
6	1	16	DY 138	992739.52	455692.17	3773
6	1	16	DY 147	992644.05	455743.07	3769
6	1	16	DY 158	992684.84	455948.60	3766
6	1	16	DY 177	992687.86	455575.16	3770
6	1	16	DY 178	992791.44	455573.97	3774
6	1	16	DY 178-1	992737.57	455578.15	3774
6	1	16	DY 183	992577.48	455380.45	3763
6	1	16	DY 185	992880.26	455367.20	3772
6	1	16	SMSM 1	992798.57	455465.59	3774
6	1	16	SMSM 10	992775.33	456001.99	3772
6	1	16	SMSM 11	992754.43	455783.65	3773
6	1	16	SMSM 2	992563.64	455041.42	3759
6	1	16	SMSM 3	992822.92	455660.77	3773
6	1	16	SMSM 4	992771.54	455828.99	3773
6	1	16	SMSM 5	992727.83	455020.85	3762
6	1	16	SMSM 6	992745.05	454789.90	3767
6	1	16	SMSM 7	992409.85	456207.94	3763
6	1	16	SMSM 8	992683.15	456052.76	3767
6	1	16	SMSM 9	992541.50	456202.62	3766
6	1	16	SMST 1	992695.30	455416.72	3769
6	1	33	DWA 155	991864.20	443496.48	3654

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
6	1	33	DWA 156	991859.85	443613.43	3656
6	1	33	DWA 43	991934.94	443738.25	3671
6	1	33	DWA41	993964.10	443086.86	3665
6	1	33	DWA46	994089.12	443069.32	3669
6	1	33	DWA51	993777.37	443332.93	3683
6	1	33	DWJ1	996844.68	441178.46	3705
6	1	33	DWM 1	991762.60	443619.29	3661
6	1	33	DWM10	995954.95	442507.64	3775
6	1	33	DWM11	995564.99	442544.73	3768
6	1	33	DWM12	994767.09	442716.70	3702
6	1	33	DWM13	994765.60	442107.85	3715
6	1	33	DWM14	994509.38	442151.70	3690
6	1	33	DWM15	996178.92	442521.41	3752
6	1	33	DWM16	994602.23	442737.93	3695
6	1	33	DWM17	995495.61	442020.12	3762
6	1	33	DWM18	994533.99	442399.01	3689
6	1	33	DWM19	994627.55	441938.13	3689
6	1	33	DWM2	993828.40	443004.43	3661
6	1	33	DWM20	996065.06	442669.61	3770
6	1	33	DWM21	995922.51	442733.19	3776
6	1	33	DWM22	995280.14	442004.90	3752
6	1	33	DWM23	995444.99	442327.90	3777
6	1	33	DWM24	996382.66	442835.01	3776
6	1	33	DWM25	995635.44	441808.60	3748
6	1	33	DWM26	994498.16	442263.95	3686
6	1	33	DWM27	995146.08	441933.59	3729
6	1	33	DWM28	995889.07	443156.01	3786
6	1	33	DWM29	995859.48	441719.65	3759
6	1	33	DWM3	995643.78	442240.87	3782
6	1	33	DWM30	994947.38	441845.45	3701
6	1	33	DWM31	995963.17	443023.59	3785
6	1	33	DWM32	996264.66	443109.23	3785
6	1	33	DWM4	995200.93	442333.65	3759
6	1	33	DWM5	995789.99	441964.16	3776
6	1	33	DWM6	995406.19	442145.77	3774
6	1	33	DWM7	995331.62	442400.01	3761
6	1	33	DWM8	994889.11	442513.94	3704
6	1	33	DWM9	995623.32	442077.93	3759
6	1	33	DWT48	994273.01	444049.11	3692
6	1	33	DWT51	994100.36	443859.20	3702
6	1	33	DWT52	994027.95	443724.71	3681
6	1	33	DWT53	994259.16	443896.06	3691
6	1	33	DWT54	994063.61	443571.83	3672

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
6	1	33	DWT55	994227.79	443599.45	3678
6	1	33	DWT56	993933.12	443218.39	3670
6	1	33	DWT58	993995.44	443401.47	3673
6	1	33	DWT59	993796.07	443081.18	3661
6	1	33	DWT61	993886.09	443827.72	3686
6	1	33	DWT62	993840.82	442917.99	3660
6	1	33	DWT66	994917.60	442384.61	3721
6	1	33	DWT68	995092.51	442323.80	3741
6	1	33	DWT69	995943.39	442352.05	3772
6	1	33	DWT70	995547.14	442281.42	3780
6	1	33	DWT91	996738.30	440995.39	3704
6	1	33	DWT92	996782.68	440793.18	3696
6	1	33	LK56	995627.75	443901.95	3777
6	1	33	LK57	996785.19	443920.47	3742
6	1	32	DWA 1	988459.92	443746.59	3628
6	1	32	DWA 10	988349.76	443705.53	3627
6	1	32	DWA 101	991626.52	443932.85	3681
6	1	32	DWA 11	987658.74	444045.23	3628
6	1	32	DWA 115	988790.70	443718.35	3629
6	1	32	DWA 116	988510.84	443942.19	3629
6	1	32	DWA 117	987600.90	444202.12	3630
6	1	32	DWA 118	988590.15	443776.47	3628
6	1	32	DWA 12	988667.06	443531.21	3627
6	1	32	DWA 120	988021.63	443845.87	3627
6	1	32	DWA 121	988489.88	443840.50	3628
6	1	32	DWA 122	987758.51	444109.76	3631
6	1	32	DWA 123	988969.55	443806.95	3630
6	1	32	DWA 124	989126.95	443809.88	3631
6	1	32	DWA 127	988831.40	443511.18	3628
6	1	32	DWA 129	989138.08	443999.14	3638
6	1	32	DWA 130	989171.59	444087.79	3638
6	1	32	DWA 132	987500.62	444224.43	3629
6	1	32	DWA 133	988655.68	443850.42	3629
6	1	32	DWA 138	987932.66	443910.19	3629
6	1	32	DWA 141	988049.07	443939.06	3629
6	1	32	DWA 145	988611.48	443433.65	3626
6	1	32	DWA 146	988691.97	443346.76	3625
6	1	32	DWA 147	988446.53	443649.75	3627
6	1	32	DWA 149	991088.20	443981.80	3640
6	1	32	DWA 15	991261.35	443431.64	3643
6	1	32	DWA 150	990562.66	444006.15	3628
6	1	32	DWA 151	991079.65	443290.60	3632
6	1	32	DWA 152	991420.43	443390.71	3647

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
6	1	32	DWA 16	989082.48	443525.33	3629
6	1	32	DWA 17	988219.02	443633.19	3627
6	1	32	DWA 18	991379.66	443478.10	3650
6	1	32	DWA 189	988970.49	443996.64	3636
6	1	32	DWA 19	988288.55	443598.12	3625
6	1	32	DWA 190	989088.60	444161.88	3639
6	1	32	DWA 191	988824.33	443185.34	3624
6	1	32	DWA 195	988922.16	443322.15	3626
6	1	32	DWA 2	988934.50	443585.58	3629
6	1	32	DWA 20	987852.16	443859.37	3629
6	1	32	DWA 204	988211.24	443702.63	3627
6	1	32	DWA 209	987810.73	443945.06	3627
6	1	32	DWA 21	991336.12	443567.50	3647
6	1	32	DWA 22	988728.65	443154.10	3624
6	1	32	DWA 23	988942.02	443514.69	3629
6	1	32	DWA 24	988808.91	443838.20	3630
6	1	32	DWA 25	987649.46	443986.47	3628
6	1	32	DWA 26	987665.56	444126.97	3630
6	1	32	DWA 27	989044.89	443929.52	3632
6	1	32	DWA 28	988687.38	444023.62	3632
6	1	32	DWA 29	988769.82	443072.87	3624
6	1	32	DWA 3	988664.45	443701.64	3628
6	1	32	DWA 30	988806.24	443346.41	3625
6	1	32	DWA 31	988895.27	443711.16	3629
6	1	32	DWA 32	988899.17	444040.34	3635
6	1	32	DWA 33	988603.09	443044.86	3624
6	1	32	DWA 36	988390.62	444032.49	3630
6	1	32	DWA 4	990851.20	443360.15	3625
6	1	32	DWA 5	988546.82	443611.79	3628
6	1	32	DWA 6	990949.14	443190.11	3627
6	1	32	DWA 7	991065.18	443352.23	3632
6	1	32	DWA 8	988771.91	443590.09	3628
6	1	32	DWA 9	991199.46	443220.48	3634
6	1	32	DWA 92	991587.98	443091.80	3648
6	1	32	DWA 93	991429.06	443207.28	3645
6	1	32	DWA 95	991520.10	443177.29	3649
6	1	32	DWM 57	989238.59	443957.03	3637
6	1	32	DWR 111	988891.58	443124.66	3625
6	1	32	DWR 115	988992.10	443228.82	3626
6	1	32	DWR 117	989011.74	443086.21	3624
6	1	32	DWT 14	987457.95	443127.48	3621
6	1	32	DWT 16	987762.33	443324.27	3621
6	1	32	DWT 24	988724.40	443450.18	3626

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
6	1	32	DWT 25	990491.87	443845.61	3622
6	1	32	DWT 27	988566.95	443293.43	3625
6	1	32	DWT 32	988891.83	443244.38	3626
6	1	32	DWT 33	991713.36	443770.00	3662
6	1	32	DWT 6	990938.15	442975.93	3626
6	1	32	DWT 64	988335.45	443342.24	3623
6	1	32	DWT 66 AB	990735.49	443617.34	3622
6	1	32	DWT 72	987336.82	444193.79	3632
6	1	32	DWT 73	987557.45	444117.12	3629
6	1	32	DWT 74	987739.92	443973.53	3627
6	1	32	DWT 75	988358.60	443563.50	3626
6	1	32	DWT 77	988239.12	443737.89	3628
6	1	32	DWT 78	987825.33	443761.94	3624
6	1	32	DWT 79	990813.43	443562.21	3625
6	1	32	DWT 80	988013.52	443712.77	3626
6	1	32	DWT 81	989082.25	443672.57	3630
6	1	32	DWT 82	988025.71	443518.74	3624
6	1	32	DWT 85	987428.36	442917.69	3617
6	1	32	DWT 86	987631.37	443035.83	3619
6	1	32	DWT 87 AB2	987560.08	443243.06	3621
6	1	32	DWT 90	986631.83	444229.39	3621
6	1	32	DWT 95	988757.66	443768.58	3630
6	1	32	DWT 96 Core	988695.14	443569.65	3627
6	1	32	ELA 1	990237.75	443583.53	3619
6	1	32	ELA 10	989313.80	443239.87	3627
6	1	32	ELA 101	988109.02	442008.91	3613
6	1	32	ELA 102	988209.14	442132.79	3614
6	1	32	ELA 102 AB	988258.89	442236.98	3614
6	1	32	ELA 103	988269.21	442255.22	3614
6	1	32	ELA 104	988584.69	441712.11	3602
6	1	32	ELA 105	989002.46	442666.72	3620
6	1	32	ELA 106	988450.53	441647.96	3602
6	1	32	ELA 107	988911.43	442442.49	3619
6	1	32	ELA 11	988731.08	442608.91	3620
6	1	32	ELA 111	989893.00	444139.71	3621
6	1	32	ELA 12	989425.04	443905.29	3638
6	1	32	ELA 13	988544.56	442716.68	3619
6	1	32	ELA 14	988479.06	441902.39	3610
6	1	32	ELA 15	988370.13	442606.33	3619
6	1	32	ELA 16	989586.55	444043.82	3637
6	1	32	ELA 17	988499.94	442488.89	3618
6	1	32	ELA 18	989274.48	444131.87	3642
6	1	32	ELA 2	989861.00	443534.78	3632

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
6	1	32	ELA 26 AB	989414.34	444125.86	3642
6	1	32	ELA 29	989369.21	443730.48	3634
6	1	32	ELA 3	989788.15	443460.51	3632
6	1	32	ELA 33	989508.61	443705.91	3632
6	1	32	ELA 35	989514.08	443814.74	3633
6	1	32	ELA 36	989728.30	443374.08	3632
6	1	32	ELA 38	989626.00	443429.57	3630
6	1	32	ELA 39	990133.89	443779.90	3618
6	1	32	ELA 4	990426.78	443581.36	3613
6	1	32	ELA 40	990076.83	443510.60	3633
6	1	32	ELA 41	988643.29	442874.53	3622
6	1	32	ELA 43	990062.26	443964.17	3622
6	1	32	ELA 45	989579.50	443508.42	3631
6	1	32	ELA 46	990047.96	443375.56	3633
6	1	32	ELA 47	990166.31	443440.44	3633
6	1	32	ELA 48	989274.39	444019.48	3640
6	1	32	ELA 49	989972.65	443296.88	3632
6	1	32	ELA 5	989740.88	443274.79	3632
6	1	32	ELA 50	990255.14	443473.23	3627
6	1	32	ELA 51	990024.04	443802.58	3627
6	1	32	ELA 52	990312.66	443735.73	3611
6	1	32	ELA 53	990172.01	443863.35	3615
6	1	32	ELA 54	990130.70	443304.65	3631
6	1	32	ELA 55	989371.08	443623.34	3631
6	1	32	ELA 56	989988.67	443696.31	3633
6	1	32	ELA 57	989876.63	443765.16	3629
6	1	32	ELA 58	989715.54	443445.73	3630
6	1	32	ELA 59	989854.15	443456.89	3632
6	1	32	ELA 6	989852.78	443361.58	3632
6	1	32	ELA 60	990234.59	443399.13	3627
6	1	32	ELA 61	989888.23	443914.29	3632
6	1	32	ELA 62	989924.68	443386.55	3632
6	1	32	ELA 63	990328.20	443433.93	3627
6	1	32	ELA 64	989644.34	443725.38	3632
6	1	32	ELA 65	989256.86	443376.83	3629
6	1	32	ELA 7	989150.89	443114.24	3625
6	1	32	ELA 70	989351.81	443947.04	3638
6	1	32	ELA 74	989401.15	443378.70	3630
6	1	32	ELA 8	988651.18	442265.58	3615
6	1	32	ELA 9	989261.26	443788.08	3633
6	1	32	ELA 90	988803.28	442820.50	3621
6	1	32	ELA 91	988782.84	442629.21	3620
6	1	32	ELA 92	988278.28	442185.09	3614

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
6	1	32	ELA 93	988348.76	442296.98	3615
6	1	32	ELM 2	989679.04	443522.97	3631
6	1	32	ELM 3	988405.34	442295.06	3615
6	1	32	ELR 22	988350.84	442140.05	3613
6	1	32	ELR 23	988278.13	441907.19	3610
6	1	32	ELR 24	988217.24	442208.53	3614
6	1	32	ELR 25	988393.77	441773.60	3607
6	1	32	ELR 26	988160.11	442032.99	3613
6	1	32	ELR 27	988297.68	441553.86	3598
6	1	32	ELR 28	987993.68	441953.94	3612
6	1	32	ELR 30	988104.48	441849.02	3610
6	1	32	ELR 31	987959.59	441775.12	3611
6	1	32	ELR 33	988067.97	441984.78	3612
6	1	32	ELR 34	988304.36	441796.28	3607
6	1	32	ELR 35	988595.11	441924.15	3612
6	1	32	ELR 36	988027.32	441662.52	3607
6	1	32	ELR 40	988692.14	442181.04	3614
6	1	32	ELR 41	988471.67	442580.33	3618
6	1	32	ELR 42	988683.55	443018.02	3624
6	1	32	ELR 43	988788.96	442310.16	3615
6	1	32	ELR 44	988317.36	441677.97	3604
6	1	32	ELR 45	988412.60	442445.16	3616
6	1	32	ELR 46	988858.54	442442.93	3619
6	1	32	ELR 47	988313.69	442260.71	3614
6	1	32	ELR 48	988484.14	441795.48	3606
6	1	32	ELR 49	988152.28	442120.58	3614
6	1	32	ELR 50	989008.43	442491.94	3620
6	1	32	ELR 51	988796.23	442210.19	3614
6	1	32	ELR 52	988232.95	442295.23	3614
6	1	32	ELR 54	988013.16	441861.02	3612
6	1	32	ELR 55	989009.88	442734.03	3621
6	1	32	ELR 56	988876.66	442344.35	3616
6	1	32	ELR 57	987948.29	441679.37	3609
6	1	32	ELR 58	989040.55	442902.87	3623
6	1	32	ELR 59	988760.06	442393.82	3618
6	1	32	ELR 60	988394.72	441610.37	3602
6	1	32	ELR 61	988638.51	442600.35	3620
6	1	32	ELR 62	988612.73	442174.34	3614
6	1	32	ELR 63	988300.29	442325.79	3614
6	1	32	ELR 64	988537.58	442023.03	3613
6	1	32	ELR 65	988260.89	442126.48	3614
6	1	32	ELR 66	988890.61	443029.56	3624
6	1	32	ELR 67	988820.57	442772.38	3621

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
6	1	32	ELR 71	988799.13	442528.45	3619
6	1	32	ELR 74	989306.84	443111.94	3626
6	1	32	ELR 75	988924.63	442758.70	3621
6	1	32	ELR 78	988586.93	442364.84	3616
6	1	32	ELR 79	988088.55	441920.92	3612
6	1	32	ELR 80	988211.83	441946.79	3610
6	1	32	ELR 81	988409.48	441947.41	3609
6	1	32	ELR 82	988472.68	441679.05	3602
6	1	32	ELR 83	989005.55	442813.49	3621
6	1	32	ELR 84	988540.54	442911.65	3621
6	1	32	ELR 86	988108.17	441668.20	3605
6	1	32	ELR 87	988408.20	442057.24	3612
6	1	32	ELR 88	988716.33	442269.00	3615
6	1	32	ELR 89	987973.32	441721.33	3610
6	1	32	ELR 90	988016.27	441792.60	3610
6	1	32	ELR 91	988405.40	442208.19	3613
6	1	32	ELR 92	988978.63	442588.65	3620
6	1	32	ELR 93	988042.94	441892.21	3612
6	1	32	ELT 1	989147.21	442630.78	3622
6	1	32	ELT 10	988959.68	443464.05	3627
6	1	32	ELT 13	990080.17	443657.43	3633
6	1	32	ELT 16	990246.77	443796.35	3611
6	1	32	ELT 25	989476.61	443541.07	3631
6	1	32	ELT 26	989132.93	443423.22	3629
6	1	32	ELT 28	988956.12	442653.85	3620
6	1	32	ELT 29	988964.02	442150.71	3614
6	1	32	ELT 31	989096.93	442834.20	3622
6	1	32	ELT 32	988981.39	441830.52	3611
6	1	32	ELT 34	988969.23	442992.27	3624
6	1	32	ELT 36	988680.68	441852.38	3612
6	1	32	ELT 38	989289.33	441838.76	3609
6	1	32	ELT 39	989603.87	441803.90	3601
6	1	32	ELT 4	987593.18	442452.16	3614
6	1	32	ELT 40	989460.64	442648.93	3624
6	1	32	ELT 40 ABN 1	988861.56	442813.08	3621
6	1	32	ELT 40 ABN 2	988820.56	442814.39	3621
6	1	32	ELT 43	989171.67	442151.50	3616
6	1	32	ELT 44	988190.40	441672.58	3605
6	1	32	ELT 46	989100.35	443221.88	3625
6	1	32	ELT 49	988546.59	442137.61	3614
6	1	32	ELT 5	989627.67	443642.06	3632
6	1	32	ELT 50	988757.54	442986.98	3624
6	1	32	ELT 51	988764.59	442133.09	3614

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
6	1	32	ELT 53	988729.85	442817.79	3621
6	1	32	ELT 55	988636.26	442050.19	3613
6	1	32	ELT 61 ABN 1	988757.66	442685.70	3620
6	1	32	ELT 7	989254.39	443539.31	3631
6	1	32	ELT 9	989946.52	443456.82	3632
6	1	32	ELT 92	988326.55	442393.16	3615
6	1	32	ELT 93	989318.45	443753.69	3633
6	1	32	ELT 94	989194.84	443486.94	3630
6	1	32	ELT 97	988578.68	442802.03	3620
6	1	32	PUA 1	987731.19	440521.29	3590
6	1	32	PUA 2	988122.36	441189.68	3592
6	1	32	PUA 3	988208.04	441377.80	3596
6	1	32	PUA 4	988240.59	441194.70	3590
6	1	32	PUA 5	988159.14	441296.90	3594
6	1	32	PUR 1	988183.65	441435.68	3596
6	1	32	PUR 10	988127.85	441526.25	3602
6	1	32	PUR 11	987745.37	440979.10	3596
6	1	32	PUR 12	988116.91	441112.23	3592
6	1	32	PUR 13	987830.73	440930.77	3594
6	1	32	PUR 14	987884.96	441452.69	3601
6	1	32	PUR 15	987740.99	441144.55	3600
6	1	32	PUR 16	988215.54	441518.87	3602
6	1	32	PUR 19	988188.08	441257.55	3594
6	1	32	PUR 2	987966.83	441442.20	3599
6	1	32	PUR 20	988032.11	441080.39	3593
6	1	32	PUR 21	987921.34	441547.52	3604
6	1	32	PUR 22	987798.52	441051.16	3596
6	1	32	PUR 24	987887.05	441380.34	3601
6	1	32	PUR 25	988110.14	441254.47	3594
6	1	32	PUR 26	988190.13	441586.36	3602
6	1	32	PUR 27	988227.78	441463.06	3594
6	1	32	PUR 28	987880.08	441304.48	3598
6	1	32	PUR 29	987926.75	441399.52	3601
6	1	32	PUR 3	987903.06	441604.75	3609
6	1	32	PUR 30	987792.29	440998.44	3596
6	1	32	PUR 31	987799.75	441203.64	3600
6	1	32	PUR 32	987927.87	441485.69	3604
6	1	32	PUR 33	987747.28	440784.33	3590
6	1	32	PUR 34	987819.36	441154.15	3600
6	1	32	PUR 35	987949.89	441579.18	3604
6	1	32	PUR 36	987923.29	441334.23	3598
6	1	32	PUR 37	987851.21	441230.24	3598
6	1	32	PUR 38	988172.39	441174.72	3592

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
6	1	32	PUR 39	987970.16	441520.71	3604
6	1	32	PUR 4	988098.29	441344.74	3596
6	1	32	PUR 41	987806.95	440763.38	3590
6	1	32	PUR 42	988068.48	441117.19	3595
6	1	32	PUR 44	987823.94	440647.21	3592
6	1	32	PUR 45	988371.35	441559.67	3597
6	1	32	PUR 46	987785.78	440585.73	3590
6	1	32	PUR 5	987802.61	441462.50	3603
6	1	32	PUR 6	987969.81	441296.33	3597
6	1	32	PUR 7	987825.47	441280.37	3602
6	1	32	PUR 8	988072.11	441185.24	3595
6	1	32	PUR 9	987849.03	441110.67	3597
6	1	35	SRR15	1006214.07	440793.12	3815
6	1	35	SRR18	1006360.31	441046.80	3844
6	1	35	SRR2	1006699.21	441244.88	3839
6	1	35	SRR20	1004135.94	442027.99	3755
6	1	35	SRR21	1003999.51	442008.69	3761
6	1	35	SRR22	1003738.77	442278.18	3732
6	1	35	SRR23	1003833.70	442335.82	3735
6	1	35	SRR24	1003879.81	441668.62	3771
6	1	35	SRR25	1003814.42	442703.68	3750
6	1	35	SRR26	1003745.77	442860.22	3750
6	1	35	SRR27	1004132.29	442600.66	3744
6	1	35	SRR28	1004258.17	442436.24	3742
6	1	35	SRR29	1003911.58	441462.36	3757
6	1	35	SRR3	1006689.12	441302.60	3839
6	1	35	SRR30	1005677.77	442701.27	3801
6	1	35	SRR31	1005641.18	442543.69	3785
6	1	35	SRR32	1006672.94	441260.15	3839
6	1	35	SRR32	1005531.46	442417.32	3778
6	1	35	SRR33	1005628.16	442821.22	3797
6	1	35	SRR34	1005436.47	442357.58	3778
6	1	35	SRR35	1003896.11	441159.04	3749
6	1	35	SRR36	1006167.89	440136.17	3820
6	1	35	SRR37	1006136.28	440054.58	3817
6	1	35	SRR38	1006082.80	439985.45	3817
6	1	35	SRR39	1006075.45	439884.96	3787
6	1	35	SRR4	1006637.36	441268.69	3800
6	1	35	SRR42	1005927.56	442716.03	3800
6	1	35	SRR43	1005771.52	442668.75	3801
6	1	35	SRR44	1005628.11	442931.21	3798
6	1	35	SRR45	1006796.90	441383.05	3857
6	1	35	SRR46	1006874.55	441465.21	3867

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
6	1	35	SRR47	1006848.14	441491.75	3899
6	1	35	SRR48	1006575.98	441627.95	3856
6	1	35	SRR49	1006783.77	441506.54	3874
6	1	35	SRR5	1006847.23	441463.50	3867
6	1	35	SRR50	1006813.50	441484.85	3899
6	1	35	SRR51	1006696.14	441236.68	3839
6	1	35	SRR52	1003889.67	441134.53	3749
6	1	35	SRR53	1005622.46	442896.71	3798
6	1	35	SRR54	1005658.17	442924.85	3798
6	1	35	SRR55	1005464.97	441904.11	3817
6	1	35	SRR56	1005520.67	442076.56	3823
6	1	35	SRR57	1005404.42	442030.70	3808
6	1	35	SRR58	1005448.98	442034.92	3823
6	1	35	SRR59	1005546.24	441660.81	3785
6	1	35	SRR6	1006832.40	441410.51	3867
6	1	35	SRR60	1005466.00	441627.40	3805
6	1	35	SRR61	1005371.99	441671.42	3796
6	1	35	SRR62	1005297.84	441746.61	3813
6	1	35	SRR63	1005972.82	441643.22	3818
6	1	35	SRR64	1005900.58	441761.99	3801
6	1	35	SRR65	1005783.55	441738.20	3784
6	1	35	SRR7	1006608.56	441639.24	3856
6	1	35	SRR70	1006298.91	439808.38	3792
6	1	35	SRR71	1006307.00	439960.65	3810
6	1	35	SRR72	1006355.22	439955.15	3810
6	1	35	SRR73	1006284.60	439924.15	3794
6	1	35	SRR74	1006289.43	440755.84	3815
6	1	35	SRR75	1006281.70	440710.58	3836
6	1	35	SRR77	1006385.63	440921.34	3817
6	1	35	SRR78	1006084.98	440335.74	3820
6	1	35	SRR79	1006448.70	440737.19	3826
6	1	35	SRR8	1006186.42	440508.29	3835
6	1	35	SRR80	1006389.81	440766.00	3802
6	1	35	SRR81	1006250.31	440752.16	3815
6	1	35	SRR82	1006668.66	440912.50	3859
6	1	35	SRR83	1006640.98	440930.82	3859
6	1	35	SRR84	1006601.82	440929.76	3859
6	1	35	SRR85	1006570.24	440939.39	3859
6	1	35	SRR86	1006537.59	440964.40	3831
6	1	35	SRR87	1006547.74	441050.57	3819
6	1	35	SRR88	1006726.72	441101.11	3808
6	1	35	SRR89	1006701.73	441114.68	3808
6	1	35	SRR9	1006109.28	440284.50	3820

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
6	1	35	SRR90	1006683.50	441134.62	3808
6	1	35	SRR91	1006659.26	441157.99	3798
6	1	35	SRR92	1006606.85	441038.98	3819
6	1	35	SRR93	1006667.41	441028.65	3819
6	1	35	SRR94	1006635.99	441037.46	3819
6	1	35	SRR95	1006078.44	440441.83	3830
6	1	35	SRR96	1006086.38	440542.06	3831
6	1	35	SRR97	1006093.04	440644.68	3832
6	1	35	SRR98	1006098.49	440740.84	3836
6	1	35	SRR99	1006093.34	440829.54	3836
6	1	35	TRA1	1005256.27	443486.06	3863
6	1	35	TRA2	1005094.19	443650.22	3874
6	1	35	TRA3	1005210.92	443394.05	3830
6	1	35	TRA4	1005130.25	443630.12	3874
6	1	35	TRA5	1005152.58	443533.51	3843
6	1	35	TRA6	1005300.37	443233.83	3885
6	1	35	TRI-2	1004264.93	442587.02	3751
6	1	35	TRJ1	1005742.76	442612.65	3801
6	1	35	TRJ10	1005188.07	443306.93	3867
6	1	35	TRJ100	1005490.77	442697.28	3782
6	1	35	TRJ101	1005559.20	442675.40	3784
6	1	35	TRJ102	1005507.36	442512.33	3788
6	1	35	TRJ103	1003443.42	442495.07	3731
6	1	35	TRJ104	1003517.29	440569.82	3730
6	1	35	TRJ105	1003421.63	440600.01	3735
6	1	35	TRJ106	1003530.71	440618.55	3735
6	1	35	TRJ107	1003468.75	442533.71	3731
6	1	35	TRJ108	1003555.05	440676.21	3735
6	1	35	TRJ109	1003590.81	440567.47	3730
6	1	35	TRJ11	1005304.51	443324.20	3885
6	1	35	TRJ110	1003473.00	442594.91	3731
6	1	35	TRJ111	1003390.81	442672.52	3727
6	1	35	TRJ112	1003581.37	440617.39	3735
6	1	35	TRJ113	1003609.70	440668.05	3735
6	1	35	TRJ114	1003427.44	442710.90	3732
6	1	35	TRJ115	1003313.89	442810.78	3735
6	1	35	TRJ116	1003584.41	440722.08	3736
6	1	35	TRJ117	1003639.33	440800.58	3736
6	1	35	TRJ118	1003743.13	440825.36	3738
6	1	35	TRJ119	1003254.36	442765.57	3727
6	1	35	TRJ12	1005357.30	443213.05	3881
6	1	35	TRJ120	1003120.00	442817.01	3727
6	1	35	TRJ121	1003686.44	440926.03	3739

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
6	1	35	TRJ122	1003767.02	440945.34	3739
6	1	35	TRJ123	1003034.96	442862.63	3737
6	1	35	TRJ124	1003070.80	442963.10	3737
6	1	35	TRJ125	1002984.73	442982.56	3744
6	1	35	TRJ126	1003751.66	441046.45	3741
6	1	35	TRJ127	1003834.14	441026.77	3742
6	1	35	TRJ128	1003851.15	441133.54	3749
6	1	35	TRJ129	1002921.63	442985.08	3744
6	1	35	TRJ13	1005312.98	443555.64	3860
6	1	35	TRJ130	1003799.14	441204.20	3749
6	1	35	TRJ131	1005360.22	439960.76	3773
6	1	35	TRJ132	1003864.39	441306.34	3753
6	1	35	TRJ133	1005227.56	440099.79	3774
6	1	35	TRJ134	1003799.06	441380.81	3755
6	1	35	TRJ135	1005246.40	439975.57	3772
6	1	35	TRJ136	1005357.93	440118.91	3780
6	1	35	TRJ137	1005291.80	439960.97	3773
6	1	35	TRJ138	1003732.33	441336.22	3751
6	1	35	TRJ139	1005342.55	440048.37	3778
6	1	35	TRJ14	1005197.98	443620.31	3891
6	1	35	TRJ140	1004718.35	439790.13	3749
6	1	35	TRJ141	1004518.07	439818.87	3745
6	1	35	TRJ142	1003674.11	441264.88	3751
6	1	35	TRJ143	1003615.92	441192.58	3750
6	1	35	TRJ144	1004553.42	440015.18	3750
6	1	35	TRJ145	1004589.79	440149.59	3749
6	1	35	TRJ146	1003654.78	441098.51	3750
6	1	35	TRJ147	1003553.47	440982.80	3740
6	1	35	TRJ148	1004339.13	440017.12	3744
6	1	35	TRJ149	1003608.90	440941.35	3738
6	1	35	TRJ15	1006357.28	440013.90	3809
6	1	35	TRJ150	1003390.39	440784.89	3734
6	1	35	TRJ151	1004356.58	440124.19	3745
6	1	35	TRJ152	1003479.53	440876.48	3738
6	1	35	TRJ153	1003410.63	440960.09	3738
6	1	35	TRJ154	1003319.37	440902.08	3736
6	1	35	TRJ155	1003937.16	439853.51	3734
6	1	35	TRJ157	1003507.29	440180.93	3723
6	1	35	TRJ158	1003309.13	440662.11	3734
6	1	35	TRJ159	1003376.39	440264.88	3721
6	1	35	TRJ16	1005619.07	441021.94	3809
6	1	35	TRJ160	1004979.93	439776.36	3760
6	1	35	TRJ161	1005082.05	439767.94	3761

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
6	1	35	TRJ162	1005058.87	439872.42	3765
6	1	35	TRJ163	1004812.69	440178.60	3755
6	1	35	TRJ164	1003330.97	439831.12	3726
6	1	35	TRJ167 (Abn)	1005298.14	442841.19	3819
6	1	35	TRJ168	1005406.98	442461.34	3802
6	1	35	TRJ169	1005340.25	443403.94	3843
6	1	35	TRJ17	1005303.38	441583.93	3786
6	1	35	TRJ170	1005257.99	443138.36	3852
6	1	35	TRJ18	1005154.05	441813.28	3763
6	1	35	TRJ19	1004759.36	442274.72	3771
6	1	35	TRJ2	1005655.24	442536.81	3785
6	1	35	TRJ20	1006774.61	439718.73	3841
6	1	35	TRJ21	1006818.57	439701.93	3850
6	1	35	TRJ21	1005665.75	441604.84	3785
6	1	35	TRJ22	1005969.13	441618.19	3818
6	1	35	TRJ23	1005883.35	441932.01	3805
6	1	35	TRJ24	1005933.28	441422.61	3782
6	1	35	TRJ25	1005471.03	442474.68	3788
6	1	35	TRJ26	1005422.23	442670.01	3782
6	1	35	TRJ27	1005781.13	442297.81	3833
6	1	35	TRJ28	1005778.42	442370.81	3802
6	1	35	TRJ29	1003770.78	440499.93	3731
6	1	35	TRJ3	1005607.68	442680.99	3784
6	1	35	TRJ30	1003902.37	440660.09	3740
6	1	35	TRJ31	1003980.50	440767.56	3743
6	1	35	TRJ32	1003978.68	440898.02	3742
6	1	35	TRJ33	1004000.49	441037.10	3746
6	1	35	TRJ34	1003960.03	440975.01	3746
6	1	35	TRJ36	1004057.30	441262.52	3754
6	1	35	TRJ37	1004090.95	441588.68	3773
6	1	35	TRJ38	1003503.94	440477.84	3730
6	1	35	TRJ39	1003660.55	440506.63	3731
6	1	35	TRJ40	1003551.92	440530.49	3730
6	1	35	TRJ41	1004091.95	441218.45	3754
6	1	35	TRJ42	1004039.17	441549.85	3773
6	1	35	TRJ43	1004127.40	441721.81	3772
6	1	35	TRJ44	1003455.54	440569.39	3730
6	1	35	TRJ45	1004008.37	441231.34	3752
6	1	35	TRJ46	1003991.82	441646.55	3767
6	1	35	TRJ47	1003388.52	440466.89	3729
6	1	35	TRJ48	1003931.92	441735.77	3752
6	1	35	TRJ49	1004011.93	441582.08	3762
6	1	35	TRJ5	1005266.39	442614.92	3809

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
6	1	35	TRJ50	1003324.49	440578.85	3729
6	1	35	TRJ51	1003955.55	442047.94	3761
6	1	35	TRJ52	1004035.48	441673.55	3767
6	1	35	TRJ53	1003206.30	440601.07	3729
6	1	35	TRJ54	1004022.95	441788.09	3752
6	1	35	TRJ55	1003920.72	441902.69	3761
6	1	35	TRJ56	1003258.86	440451.43	3725
6	1	35	TRJ56	1003909.50	440079.12	3734
6	1	35	TRJ57	1003339.28	440366.56	3724
6	1	35	TRJ58	1004069.33	441921.30	3763
6	1	35	TRJ59	1004127.89	441836.21	3772
6	1	35	TRJ6	1005301.91	442779.42	3819
6	1	35	TRJ60	1003942.14	441987.92	3761
6	1	35	TRJ61	1003134.16	440512.02	3725
6	1	35	TRJ62	1003370.25	440421.49	3724
6	1	35	TRJ63	1003477.60	440522.19	3730
6	1	35	TRJ64	1003708.31	440464.08	3730
6	1	35	TRJ65	1003873.11	440536.40	3737
6	1	35	TRJ66	1003812.93	440488.62	3737
6	1	35	TRJ67	1003939.83	440927.32	3742
6	1	35	TRJ68	1003947.68	441019.69	3746
6	1	35	TRJ69	1004044.49	441305.70	3754
6	1	35	TRJ7	1005422.45	442920.83	3799
6	1	35	TRJ70	1004051.50	441628.95	3773
6	1	35	TRJ71	1004081.83	441430.15	3759
6	1	35	TRJ72	1003419.44	440527.16	3730
6	1	35	TRJ73	1003424.11	440419.69	3725
6	1	35	TRJ74	1004066.50	441149.80	3751
6	1	35	TRJ75	1004080.51	441816.33	3772
6	1	35	TRJ76	1003645.59	442211.49	3749
6	1	35	TRJ77	1003535.93	440375.38	3729
6	1	35	TRJ78	1003818.08	442148.96	3737
6	1	35	TRJ79	1003720.49	442052.92	3754
6	1	35	TRJ8	1005244.06	442984.03	3842
6	1	35	TRJ80	1003448.19	440285.58	3722
6	1	35	TRJ81	1003768.91	441955.64	3761
6	1	35	TRJ82	1003545.29	442089.34	3756
6	1	35	TRJ83	1003666.94	442106.70	3731
6	1	35	TRJ84	1003572.08	440252.39	3728
6	1	35	TRJ85	1003418.17	442276.59	3729
6	1	35	TRJ86	1003688.95	440132.17	3731
6	1	35	TRJ87	1003722.65	440246.47	3730
6	1	35	TRJ88	1003527.10	442247.60	3729

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
6	1	35	TRJ89	1003547.42	442379.52	3732
6	1	35	TRJ9	1005178.81	443188.03	3852
6	1	35	TRJ90	1003811.19	440287.60	3733
6	1	35	TRJ91	1003574.42	442250.33	3730
6	1	35	TRJ92	1003383.95	442477.51	3725
6	1	35	TRJ93	1003388.05	442566.18	3725
6	1	35	TRJ94	1003477.91	442417.77	3730
6	1	35	TRJ95	1005197.81	443671.05	3891
6	1	35	TRJ96	1003523.79	442506.33	3731
6	1	35	TRJ97	1003841.56	440351.18	3731
6	1	35	TRJ98	1005208.12	443661.67	3891
6	1	35	TRJ99	1005216.10	443511.59	3863
6	1	35	TRJA4	1005454.18	442592.04	3788
6	1	35	TRK1	1003263.32	443080.13	3739
6	1	35	TRM1	1002449.57	441844.68	3716
6	1	35	TRM10	1004112.44	440859.71	3745
6	1	35	TRM11	1004273.17	440800.43	3748
6	1	35	TRM12	1004438.97	440764.90	3751
6	1	35	TRM13	1005051.41	440080.04	3769
6	1	35	TRM14	1004661.56	440672.51	3754
6	1	35	TRM141	1005055.97	439957.50	3765
6	1	35	TRM15	1005296.49	439821.77	3773
6	1	35	TRM16	1003946.49	440804.21	3743
6	1	35	TRM17	1004745.69	440221.39	3751
6	1	35	TRM18	1005299.06	440026.56	3778
6	1	35	TRM19	1004048.88	441388.65	3759
6	1	35	TRM2	1003676.58	441578.86	3760
6	1	35	TRM20	1004072.83	440667.46	3744
6	1	35	TRM21	1004896.47	440119.91	3755
6	1	35	TRM22	1004550.20	440361.32	3751
6	1	35	TRM-23	1004730.57	440091.66	3753
6	1	35	TRM24	1004024.86	441195.80	3749
6	1	35	TRM25	1003967.08	440632.20	3743
6	1	35	TRM26	1004049.33	440895.87	3745
6	1	35	TRM27	1003995.74	440744.97	3743
6	1	35	TRM28	1003848.94	440697.28	3740
6	1	35	TRM29	1004887.68	439971.72	3757
6	1	35	TRM3	1004349.10	441259.91	3760
6	1	35	TRM30	1005341.13	439912.57	3773
6	1	35	TRM31	1005172.07	440054.59	3772
6	1	35	TRM32	1003815.33	440543.04	3737
6	1	35	TRM33	1004016.33	440986.26	3746
6	1	35	TRM34	1005183.71	439900.79	3768

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
6	1	35	TRM35	1005466.01	440026.39	3782
6	1	35	TRM35	1004038.76	441089.29	3749
6	1	35	TRM36	1003773.52	440443.46	3730
6	1	35	TRM37	1003993.77	440839.63	3743
6	1	35	TRM38	1004018.86	441141.14	3749
6	1	35	TRM39	1003709.37	440518.05	3731
6	1	35	TRM4	1004078.25	441482.11	3773
6	1	35	TRM40	1003641.51	440396.07	3729
6	1	35	TRM42	1005438.04	439836.72	3773
6	1	35	TRM43	1004090.83	441118.88	3751
6	1	35	TRM44	1003931.90	440716.37	3743
6	1	35	TRM45	1003872.76	440589.48	3737
6	1	35	TRM46	1003604.80	440480.33	3730
6	1	35	TRM5	1004075.30	441343.94	3759
6	1	35	TRM6	1003968.26	441308.11	3752
6	1	35	TRM7	1003994.35	441088.32	3746
6	1	35	TRM8	1005866.75	442063.70	3804
6	1	35	TRM9	1004116.11	441040.01	3749
6	1	35	TRR1	1002927.82	439825.46	3723
6	1	35	TRR10	1005245.13	439912.70	3768
6	1	35	TRR11	1005234.84	439855.70	3768
6	1	35	TRR12	1005967.33	439769.11	3786
6	1	35	TRR13	1005875.77	439736.59	3786
6	1	35	TRR14	1005870.49	439845.13	3775
6	1	35	TRR15	1005850.99	439967.99	3787
6	1	35	TRR16	1005928.25	440050.85	3788
6	1	35	TRR17	1005933.13	440166.69	3802
6	1	35	TRR18	1006059.23	439970.02	3817
6	1	35	TRR19	1005798.48	440129.36	3808
6	1	35	TRR2	1002846.21	439910.68	3717
6	1	35	TRR20	1005995.15	440009.84	3788
6	1	35	TRR21	1005758.67	440242.82	3810
6	1	35	TRR22	1005831.47	440332.97	3815
6	1	35	TRR23	1005714.50	440357.50	3808
6	1	35	TRR24	1005642.91	440271.46	3800
6	1	35	TRR25	1005596.75	440388.33	3797
6	1	35	TRR26	1005677.97	440467.99	3800
6	1	35	TRR27	1005576.60	440497.76	3792
6	1	35	TRR28	1005489.63	440430.48	3785
6	1	35	TRR29	1005506.66	440331.88	3788
6	1	35	TRR3	1002737.71	439920.79	3713
6	1	35	TRR30	1005435.71	440222.05	3788
6	1	35	TRR31	1005198.05	440317.58	3778

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
6	1	35	TRR32	1005108.48	440516.42	3780
6	1	35	TRR33	1004998.47	440527.03	3773
6	1	35	TRR5	1005283.63	440231.06	3778
6	1	35	TRR6	1005140.56	440216.74	3777
6	1	35	TRR7	1005238.77	440038.27	3772
6	1	35	TRR8	1002747.36	439793.35	3718
6	1	35	TRR9	1005176.99	439834.64	3762
6	1	35	TRS1	1004112.14	442374.87	3740
6	1	35	TRS10	1004687.96	441843.03	3756
6	1	35	TRS11	1004646.13	441924.79	3752
6	1	35	TRS12	1004742.12	441892.93	3751
6	1	35	TRS13	1004824.75	442020.80	3771
6	1	35	TRS14	1004370.16	442523.02	3762
6	1	35	TRS15	1004851.17	441926.04	3754
6	1	35	TRS16	1004877.69	441964.00	3754
6	1	35	TRS17	1004801.51	441455.49	3774
6	1	35	TRS18	1004203.85	442795.39	3749
6	1	35	TRS19	1004183.55	442748.26	3749
6	1	35	TRS2	1004248.64	442371.34	3742
6	1	35	TRS20	1004204.53	442728.83	3749
6	1	35	TRS21	1005064.57	441092.34	3781
6	1	35	TRS22	1004909.00	441276.33	3770
6	1	35	TRS23	1004734.65	441646.96	3758
6	1	35	TRS25	1004715.16	441691.57	3758
6	1	35	TRS26	1004759.86	441571.65	3760
6	1	35	TRS27	1004735.37	441722.92	3756
6	1	35	TRS28	1004670.52	441664.35	3758
6	1	35	TRS29	1004700.54	441737.14	3756
6	1	35	TRS3	1004269.14	442240.54	3741
6	1	35	TRS4	1004136.68	442281.77	3738
6	1	35	TRS5	1004217.36	442216.83	3741
6	1	35	TRS6	1004183.33	442014.47	3755
6	1	35	TRS7	1004313.34	441935.37	3770
6	1	35	TRS8	1004429.49	441956.53	3749
6	1	35	TRS9	1004585.57	441876.53	3752
6	1	35	TRT10	1005648.37	440536.77	3792
6	1	35	TRT100	1005476.29	443263.57	3886
6	1	35	TRT101	1004950.17	443289.08	3821
6	1	35	TRT102	1004929.53	443185.03	3808
6	1	35	TRT103	1005153.79	441686.13	3762
6	1	35	TRT104	1004830.86	443175.05	3787
6	1	35	TRT105	1004924.71	443385.36	3803
6	1	35	TRT106	1004767.20	443300.12	3795

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
6	1	35	TRT107	1004653.54	443191.42	3777
6	1	35	TRT108	1005136.79	443152.74	3817
6	1	35	TRT109	1005061.10	441690.02	3762
6	1	35	TRT11	1005741.97	440506.36	3800
6	1	35	TRT110	1005076.82	443203.96	3817
6	1	35	TRT111	1005039.08	443277.80	3821
6	1	35	TRT112	1004964.89	442083.54	3759
6	1	35	TRT113	1005057.97	443352.24	3838
6	1	35	TRT114	1005163.34	443408.83	3814
6	1	35	TRT115	1004831.77	442185.59	3783
6	1	35	TRT116	1005630.37	442909.58	3798
6	1	35	TRT117	1006889.63	441127.03	3822
6	1	35	TRT118	1006739.64	441233.97	3839
6	1	35	TRT119	1006644.20	441300.05	3800
6	1	35	TRT12	1005483.03	440972.95	3811
6	1	35	TRT120	1006774.71	441163.33	3808
6	1	35	TRT121	1004542.97	443260.47	3812
6	1	35	TRT122	1005378.61	443106.24	3881
6	1	35	TRT123	1005630.81	442902.89	3798
6	1	35	TRT124	1006381.40	440116.46	3798
6	1	35	TRT125	1006347.85	439941.64	3810
6	1	35	TRT13	1005395.60	441061.17	3799
6	1	35	TRT14	1005298.21	441094.05	3798
6	1	35	TRT15	1005857.01	440199.15	3808
6	1	35	TRT16	1006070.85	440044.66	3817
6	1	35	TRT17	1006303.76	439958.97	3810
6	1	35	TRT18 (ABN)	1006539.53	439906.11	3819
6	1	35	TRT19	1006562.44	439906.35	3836
6	1	35	TRT2	1005550.84	441004.86	3809
6	1	35	TRT20	1006522.35	439676.20	3797
6	1	35	TRT22	1005373.18	441282.54	3772
6	1	35	TRT23	1005216.23	441280.37	3786
6	1	35	TRT24	1005194.37	441421.66	3774
6	1	35	TRT25	1005041.09	441742.81	3763
6	1	35	TRT26	1005759.20	440936.08	3817
6	1	35	TRT27	1004860.29	441716.69	3766
6	1	35	TRT28	1004552.14	441622.43	3761
6	1	35	TRT29	1004781.36	441834.34	3756
6	1	35	TRT30	1005132.63	441875.84	3778
6	1	35	TRT31	1005184.65	441784.48	3771
6	1	35	TRT32	1005264.29	441712.11	3774
6	1	35	TRT33	1005391.06	441597.09	3796
6	1	35	TRT34	1005453.96	441771.46	3822

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
6	1	35	TRT35	1005515.46	441714.47	3805
6	1	35	TRT36	1005523.57	441797.68	3822
6	1	35	TRT37	1005723.95	441611.79	3781
6	1	35	TRT38	1005820.04	441567.41	3793
6	1	35	TRT39	1005700.14	441533.23	3773
6	1	35	TRT4	1005470.63	440857.69	3812
6	1	35	TRT40	1005651.12	441420.10	3778
6	1	35	TRT41	1005818.92	441480.71	3793
6	1	35	TRT42	1005911.79	441643.03	3796
6	1	35	TRT43	1006047.63	441434.47	3787
6	1	35	TRT44	1006016.64	441313.71	3785
6	1	35	TRT45	1006121.40	441199.91	3812
6	1	35	TRT46	1006139.10	441497.59	3791
6	1	35	TRT47	1006206.62	441226.68	3816
6	1	35	TRT48	1006079.93	441524.46	3791
6	1	35	TRT49	1005992.04	441585.18	3790
6	1	35	TRT5	1005554.06	440792.16	3820
6	1	35	TRT50	1005905.84	441577.56	3793
6	1	35	TRT51	1005866.91	441715.88	3796
6	1	35	TRT52	1005792.95	441729.58	3784
6	1	35	TRT53	1005834.02	441844.10	3801
6	1	35	TRT54	1005515.69	441608.89	3805
6	1	35	TRT55	1005634.88	441536.40	3771
6	1	35	TRT56	1005754.62	441468.14	3779
6	1	35	TRT57	1005703.46	442241.59	3833
6	1	35	TRT58	1005872.57	441972.65	3804
6	1	35	TRT59	1005845.90	442205.24	3799
6	1	35	TRT6	1005518.23	440686.23	3800
6	1	35	TRT60	1005908.83	442261.01	3828
6	1	35	TRT61	1005403.18	442551.54	3818
6	1	35	TRT62	1005360.01	443309.68	3885
6	1	35	TRT63	1005727.90	442524.05	3780
6	1	35	TRT64	1005308.20	442988.69	3858
6	1	35	TRT65	1005346.12	442538.62	3818
6	1	35	TRT66	1005411.62	443351.05	3885
6	1	35	TRT67	1005344.03	442682.53	3827
6	1	35	TRT68	1005848.00	441796.49	3801
6	1	35	TRT69	1005902.38	441666.62	3796
6	1	35	TRT7	1005583.07	440603.60	3814
6	1	35	TRT70	1005826.66	442123.93	3799
6	1	35	TRT71	1005691.39	442274.11	3833
6	1	35	TRT72	1005663.13	442375.19	3793
6	1	35	TRT73	1005133.31	441742.01	3763

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
6	1	35	TRT74	1005217.44	441668.34	3774
6	1	35	TRT75	1005950.99	441520.55	3790
6	1	35	TRT76	1005938.96	441685.56	3818
6	1	35	TRT77	1005272.98	441651.27	3774
6	1	35	TRT78	1005422.87	441672.98	3805
6	1	35	TRT79	1005064.97	441829.52	3763
6	1	35	TRT8	1005806.00	440690.62	3821
6	1	35	TRT80	1005477.33	441590.19	3793
6	1	35	TRT81	1005384.63	441716.25	3796
6	1	35	TRT82	1005065.81	441932.66	3778
6	1	35	TRT83	1005007.98	442037.76	3759
6	1	35	TRT84	1004964.04	441776.07	3759
6	1	35	TRT85	1005575.34	442482.44	3785
6	1	35	TRT86	1004846.07	442072.95	3771
6	1	35	TRT87	1004985.86	441983.05	3759
6	1	35	TRT88	1004949.55	442206.74	3775
6	1	35	TRT89	1005112.55	441542.80	3771
6	1	35	TRT9	1005694.12	440616.33	3816
6	1	35	TRT90	1005294.47	441290.06	3772
6	1	35	TRT91	1004836.02	442246.67	3793
6	1	35	TRT92	1004762.39	443444.99	3816
6	1	35	TRT93	1004901.87	442341.56	3793
6	1	35	TRT94	1005429.62	442975.72	3799
6	1	35	TRT95	1005441.05	443050.89	3809
6	1	35	TRT96	1005458.07	443114.63	3852
6	1	35	TRT97	1005510.98	443178.50	3852
6	1	35	TRT98	1005560.81	443228.56	3849
6	1	35	TRT99	1005545.77	443315.74	3849
6	1	29	DWA104	991550.96	444121.61	3692
6	1	29	DWA38	989048.14	444784.89	3650
6	1	29	ELM 4	989276.13	444735.20	3648
6	1	29	DWA 192	989205.59	444656.85	3648
6	1	29	ELA 37	989265.90	444589.89	3645
6	1	29	DWA 37	989113.97	444583.20	3646
6	1	29	ELA 109	989903.17	445036.34	3641
6	1	29	ELR 77	989900.73	444878.96	3637
6	1	29	ELM 107	989321.03	445006.80	3650
6	1	29	ELA 34	989331.94	444892.38	3649
6	1	29	ELA 78	989371.28	444816.36	3644
6	1	29	ELR 16	989919.58	445703.30	3652
6	1	29	ELA 31	989914.22	445566.95	3652
6	1	29	ELR 18	989795.85	445531.86	3653
6	1	29	ELA 83	990176.57	444712.48	3641

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
6	1	29	ELA 73	989970.29	444718.59	3634
6	1	29	ELM 106	989975.60	444668.15	3631
6	1	29	ELR 85	989984.60	444566.59	3632
6	1	29	ELA 87	989909.12	444485.15	3632
6	1	29	ELA 66	989996.57	445054.19	3643
6	1	29	ELA 75	990173.06	445046.48	3647
6	1	29	ELA 72	990098.15	444866.81	3641
6	1	29	ELA 85	989996.70	445363.47	3646
6	1	29	ELR 72	990137.06	445341.56	3649
6	1	29	ELA 71	990213.33	445208.18	3648
6	1	29	ELR 70	990079.66	445616.24	3651
6	1	29	ELR 9	990125.41	445498.98	3654
6	1	29	ELR 13	990096.65	445827.76	3652
6	1	29	ELA 79	990098.51	445734.06	3651
6	1	28	DWA113	992025.39	444202.46	3661
6	1	33	TP55A	995354.70	439994.79	3773
6	1	33	DWA96	991753.41	442496.56	3641
6	1	33	DWA99	991854.87	442466.75	3642
6	1	33	DWA79	991906.93	442365.81	3641
6	1	33	DWA80	991701.50	442306.13	3633
6	1	33	DWA88	991830.75	442252.39	3642
6	1	33	DWA100	991677.95	442193.88	3628
6	1	33	DWA82	991663.32	442098.91	3628
6	1	33	DWA83	991694.99	442639.16	3641
6	1	33	DWA43	991934.06	443730.20	3671
6	1	33	DWA156	991857.21	443605.45	3661
6	1	33	DWM1	991760.13	443611.30	3661
6	1	33	DWA155	991861.56	443488.50	3654
6	1	33	DWA111	992411.42	443886.22	3655
6	1	33	DWA106	992446.60	443712.90	3660
6	1	33	DWA154	991967.44	443556.02	3654
6	1	33	DWA103	992376.77	443531.92	3660
6	1	33	DWM35	992498.30	443526.40	3668
6	1	33	DWA49	992048.12	443489.45	3650
6	1	33	DWA42	992019.55	443364.83	3641
6	1	33	DWA52	992210.96	443360.65	3643
6	1	33	DWA55	992379.26	443236.69	3656
6	1	33	DWA57	992290.79	443053.85	3641
6	1	33	DWA58	992472.13	443031.33	3644
6	1	33	DWA60	992481.82	442837.31	3636
6	1	33	DWA74	992348.33	442737.90	3631
6	1	33	DWA62	992237.00	442870.97	3638
6	1	33	DWA64	992280.61	442548.93	3642

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
6	1	33	DWA66	992305.67	442471.42	3645
6	1	33	DWA59	992327.45	442403.36	3645
6	1	33	DWA56	992472.80	442283.49	3622
6	1	33	DWA68	992384.55	442146.68	3630
6	1	33	DWA76	993023.55	442456.41	3633
6	1	33	DWA53	992823.48	442417.92	3633
6	1	33	DWA73	992857.19	442253.66	3629
6	1	33	DWA50	992696.48	442216.33	3635
6	1	33	DWA75	992580.33	443153.67	3657
6	1	33	DWA205	992580.70	443045.90	3651
6	1	33	DWA70	992753.13	443052.03	3656
6	1	33	DWA65	993102.72	443049.08	3662
6	1	33	DWA67	992925.17	442940.08	3655
6	1	33	DWA48	992836.52	442846.71	3648
6	1	33	DWA71	992889.84	442814.06	3653
6	1	33	DWA69	992836.52	442846.71	3648
6	1	33	DWA102	993102.12	442716.85	3649
6	1	33	DWA78	993111.53	442577.35	3652
6	1	33	EN10-1	992850.84	443733.70	3693
6	1	33	DWA63	993131.58	443631.51	3718
6	1	33	DWA77	992601.90	443338.59	3659
6	1	33	DWA72	992755.74	443245.45	3674
6	1	33	DWA112	992983.18	443951.14	3695
6	1	33	DWA108	992606.41	443828.99	3669
6	1	33	DWA110	992808.43	443825.29	3693
6	1	33	DWA109	993006.61	443745.11	3696
6	1	33	DWA61	993332.59	443605.71	3707
6	1	33	DWA47	993210.63	443443.28	3683
6	1	33	DWA44	993394.08	443441.55	3696
6	1	33	DWA45	993587.37	443408.88	3682
6	1	33	DWA40	993502.18	443324.90	3680
6	1	33	DWA107	993371.95	443272.82	3692
6	1	33	DWA54	993229.27	443153.04	3675
6	1	33	DWA105	993526.38	443177.75	3688
6	1	33	DWT63	993625.84	443135.86	3670
6	1	33	DWT60	993438.77	443127.11	3700
6	1	33	DWT50	993229.07	442967.22	3663
6	1	33	DWM34	993236.84	442735.15	3662
6	1	33	SWT49	993645.19	442633.58	3654
6	1	33	DWT57	993625.55	442956.85	3673
6	1	33	DWT2	993568.21	442497.74	3660
6	1	32	DWA 150	990563.66	444009.87	3628
6	1	32	DWA 149	991088.23	443985.45	3640

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
6	1	32	DWT 79	990814.31	443564.54	3625
6	1	32	DWA 21	991332.11	443559.57	3647
6	1	32	DWA 15	991257.64	443423.70	3643
6	1	32	DWA 4	990854.64	443364.05	3629
6	1	32	DWA 7	991062.56	443344.24	3632
6	1	32	DWA 151	991074.48	443282.72	3632
6	1	32	DWA6	990952.28	443192.99	3627
6	1	32	DWA9	991198.41	443212.43	3634
6	1	32	DWT6	990939.86	442980.38	3626
6	1	32	DWA94	991151.62	441862.26	3612
6	1	32	DWA91	991231.19	441879.05	3617
6	1	32	DWA86	991376.19	442014.62	3620
6	1	32	DWA98	991408.04	441946.19	3619
6	1	32	DWA89	991394.06	441809.32	3622
6	1	32	DWA81	991623.72	442499.44	3633
6	1	32	DWA97	991559.12	442145.78	3623
6	1	32	DWA93	991427.82	443199.24	3645
6	1	32	DWA95	991518.79	443169.25	3649
6	1	32	DWA92	991586.50	443083.77	3648
6	1	32	DWA90	991682.78	442889.06	3646
6	1	32	DWA87	991675.23	443922.67	3681
6	1	32	DWA85	991515.17	442703.39	3645
6	1	32	DWM33	991710.69	443762.02	3662
6	1	32	DWA18	991377.34	443470.11	3647
6	1	32	DWA152	991417.61	443382.73	3647
6	1	32	DWA101	991622.86	443924.91	3681
6	1	32	TT57WM	991671.69	443922.82	3681
6	1	35	DP248	1005543.80	438435.41	3744
6	1	35	DW35	1006925.58	438397.78	3801
7	1	15	B-1 FR	999282.24	427549.43	3624
7	1	15	B10FR	999662.31	427941.58	3628
7	1	15	B10FU	999710.72	428008.24	3628
7	1	15	B10LAK	999648.23	427983.54	3628
7	1	15	B2	999269.71	427505.42	3625
7	1	15	B-2	999246.31	427540.41	3624
7	1	15	B2 FU	999191.32	427526.17	3624
7	1	15	B-2 LAK	999198.17	427582.42	3624
7	1	15	B9	999772.25	426318.82	3612
7	1	15	BPZ 31	999249.91	427609.82	3624
7	1	15	PA156	999807.72	427931.64	3629
7	1	15	PA37	1000355.67	427992.95	3631
7	1	15	PA39	999956.91	427683.52	3628
7	1	15	PA49	1000012.11	428007.76	3630

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	15	PA54	1000208.65	427959.61	3631
7	1	15	PA55	1000172.53	427862.39	3629
7	1	15	PA58	999585.65	427768.10	3626
7	1	15	PA59	999570.46	428024.31	3627
7	1	15	PA60	999541.31	427943.95	3627
7	1	15	PA72	1000722.82	427937.83	3636
7	1	15	PA75	1000426.55	427651.73	3631
7	1	15	PA76	1000427.42	427770.17	3631
7	1	15	PA77	999801.83	427385.34	3624
7	1	15	PA78	999833.20	427246.04	3623
7	1	15	PA79	999977.33	427347.93	3623
7	1	15	PA80	999300.08	427305.47	3624
7	1	15	PA81	999257.64	427404.32	3624
7	1	15	PA82	999536.47	427233.34	3623
7	1	15	PA83	999546.22	427345.35	3624
7	1	15	PJ50	999618.32	427854.84	3626
7	1	15	PM10	999659.28	427400.74	3624
7	1	15	PM11	999602.60	427445.13	3625
7	1	15	PM12	999498.84	427425.38	3625
7	1	15	PM13	999420.39	427467.15	3625
7	1	15	PM130	999054.42	427898.63	3622
7	1	15	PM14	999324.92	427508.13	3625
7	1	15	PM15	999314.83	427643.66	3624
7	1	15	PM16	999342.97	427817.16	3622
7	1	15	PM17	999283.16	427896.88	3622
7	1	15	PM176	1000479.58	428002.86	3632
7	1	15	PM18	999108.83	428004.30	3622
7	1	15	PM19	998969.11	427841.79	3622
7	1	15	PM20	998780.86	427863.12	3622
7	1	15	PM203	999684.08	427718.50	3626
7	1	15	PM204	999788.69	427584.25	3625
7	1	15	PM205	999441.18	427751.05	3625
7	1	15	PM206	1000332.24	427873.81	3630
7	1	15	PM209	1000284.51	427905.28	3630
7	1	15	PM21	998835.15	428034.58	3622
7	1	15	PM210	1000383.51	427847.93	3630
7	1	15	PM211	999819.68	427665.16	3627
7	1	15	PM212	999855.27	427583.00	3625
7	1	15	PM213	1000411.84	427898.38	3631
7	1	15	PM215	1000485.78	427779.76	3631
7	1	15	PM217	1000207.90	427656.06	3624
7	1	15	PM224	999293.21	427999.42	3623
7	1	15	PM225	999192.30	427775.34	3623

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	15	PM226	999894.30	427604.17	3624
7	1	15	PM25	999848.78	427727.67	3627
7	1	15	PM26	999934.30	427770.53	3628
7	1	15	PM27	999760.07	427543.22	3625
7	1	15	PM28	999844.58	427531.36	3624
7	1	15	PM29	999417.06	427574.89	3625
7	1	15	PM30	999539.93	427744.46	3626
7	1	15	PM4	999651.98	427606.22	3625
7	1	15	PM5	999725.91	427683.25	3626
7	1	15	PM50	1000196.51	427599.95	3624
7	1	15	PM51	1000051.06	427458.40	3623
7	1	15	PM52	1000062.24	427539.00	3624
7	1	15	PM53	1000262.59	427543.23	3624
7	1	15	PM54	999196.37	427909.02	3623
7	1	15	PM62	1000431.80	427869.14	3631
7	1	15	PM7	999739.15	427597.89	3625
7	1	15	PM77	999461.38	427695.68	3625
7	1	15	PM78	999898.48	427441.07	3624
7	1	15	PM79	999825.28	427440.54	3624
7	1	15	PM8	999780.72	427466.52	3624
7	1	15	PM80	999447.19	427640.20	3625
7	1	15	PM81	999391.43	427743.09	3625
7	1	15	PM82	999465.78	427511.32	3625
7	1	15	PM83	999531.26	427481.59	3625
7	1	15	PM84	999607.48	427651.61	3626
7	1	15	PM85	999389.88	427686.10	3624
7	1	15	PM86	999619.93	427728.15	3626
7	1	15	PM87	999445.90	427777.39	3625
7	1	15	PM88	999636.77	427592.84	3626
7	1	15	PM89	999750.10	427749.00	3626
7	1	15	PM9	999709.24	427447.72	3624
7	1	15	PM90	999289.72	427757.31	3624
7	1	15	PM91	999516.11	427554.78	3625
7	1	15	PM92	999756.60	427655.80	3625
7	1	15	PM93	1000068.39	427925.02	3630
7	1	15	PM94	999785.63	427867.90	3628
7	1	15	PM95	999912.41	427889.67	3629
7	1	15	PM96	999413.96	427420.87	3625
7	1	15	PS1	999753.44	427410.45	3624
7	1	15	PS2	999826.97	427845.35	3628
7	1	15	PS27	1000276.35	427673.23	3629
7	1	15	PS28	1000389.01	427798.94	3630
7	1	15	PS3	999984.43	427925.62	3630

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	15	PS4	1000170.11	427933.81	3631
7	1	15	PS49	999506.67	427621.73	3625
7	1	15	PS5	1000288.26	427757.55	3629
7	1	15	PS50	999269.74	427836.70	3622
7	1	15	PS51	999105.07	427903.52	3622
7	1	15	PS52	999006.76	427931.07	3622
7	1	15	PS53	999111.75	428059.64	3622
7	1	15	PS6	1000145.39	427520.67	3622
7	1	15	PS69	999979.76	427437.81	3624
7	1	15	PS71	999895.58	427339.18	3623
7	1	15	PS71	1000386.77	427596.56	3626
7	1	15	PS8	1000386.98	427702.01	3629
7	1	15	PS9	1000433.88	427940.04	3632
7	1	15	PT108	999077.87	427965.60	3622
7	1	15	PT109	999251.92	428058.86	3622
7	1	15	PT119	999522.11	427877.22	3626
7	1	15	PT120	999516.48	427837.52	3626
7	1	15	PT122	999505.91	427704.34	3625
7	1	15	PT125	999131.51	427921.92	3622
7	1	15	PT126	999162.22	428001.67	3622
7	1	15	PT132	999098.77	427384.16	3623
7	1	15	PT133	1000110.27	428010.18	3630
7	1	15	PT134	999506.61	426960.44	3622
7	1	15	PT137	999517.62	427797.44	3626
7	1	15	PT138	999376.65	427912.47	3623
7	1	15	PT139	999674.27	427640.33	3625
7	1	15	PT143	999225.36	427366.11	3624
7	1	15	PT149	999578.69	427486.65	3625
7	1	15	PT150	999501.82	427476.31	3625
7	1	15	PT151	999450.12	427483.95	3625
7	1	15	PT153	1000117.90	427951.96	3630
7	1	15	PT154	1000166.25	428009.43	3631
7	1	15	PT161	1000341.35	427924.47	3631
7	1	15	PT174	999855.28	427875.22	3628
7	1	15	PT175	1000009.08	427853.56	3629
7	1	15	PT176	999947.22	427628.87	3624
7	1	15	PT177	1000025.20	427956.86	3630
7	1	15	PT178	1000114.01	427848.07	3629
7	1	15	PT179	999872.86	427669.36	3627
7	1	15	PT180	999994.34	427668.76	3628
7	1	15	PT181	1000018.34	427763.53	3628
7	1	15	PT182	1000358.00	427967.87	3631
7	1	15	PT183	1000124.09	427900.87	3629

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	15	PT184	999898.55	427830.73	3629
7	1	15	PT185	999880.01	427928.15	3629
7	1	15	PT187	999559.15	427435.91	3625
7	1	15	PT188	999840.47	427345.05	3624
7	1	15	PT189	999855.63	427406.52	3624
7	1	15	PT190	999858.88	427480.39	3624
7	1	15	PT191	999959.36	427489.49	3624
7	1	15	PT23	999631.73	427520.48	3625
7	1	15	PT25	999335.78	427780.93	3624
7	1	15	PT27	999200.13	427840.08	3623
7	1	15	PT30	999123.27	427843.20	3622
7	1	15	PT31	999065.18	427840.80	3622
7	1	15	PT37	999670.30	427435.32	3624
7	1	15	PT38	999231.11	427854.81	3623
7	1	15	PT47	999178.69	428055.52	3622
7	1	15	PT55	999225.64	428012.85	3622
7	1	15	PW11	1000008.90	427401.34	3623
7	1	15	PW12	1000265.83	427597.60	3624
7	1	15	PW13	1000336.85	427634.70	3626
7	1	15	PW14	1000355.41	427731.06	3629
7	1	15	PW15	1000440.93	427806.72	3631
7	1	15	PW16	1000078.61	427404.49	3622
7	1	15	PW17	999740.11	427500.90	3624
7	1	15	PW18	999937.76	427399.24	3623
7	1	15	PW19	1000518.66	427949.90	3632
7	1	11	B3FR	1002043.59	429564.59	3703
7	1	11	B3LAKOTA	1002085.99	429576.97	3703
7	1	11	B-7	1001765.49	428959.00	3682
7	1	11	BPZ-10(B-7FR	1001770.64	428982.69	3682
7	1	11	BPZ6	1006488.68	430301.08	3742
7	1	11	DK138	1006580.30	433020.42	3799
7	1	11	DK142	1006894.90	431366.94	3767
7	1	11	DK143	1007007.39	431480.93	3774
7	1	11	DK144	1006988.56	431275.31	3767
7	1	11	DK147	1007049.42	431619.74	3781
7	1	11	DK148	1006942.73	431045.70	3763
7	1	11	DK149	1006875.20	430753.74	3754
7	1	11	DK150	1007056.05	431425.40	3775
7	1	11	DK151	1003210.41	429689.44	3696
7	1	11	DK209	1007055.91	431323.07	3772
7	1	11	DK210	1006863.03	431293.40	3764
7	1	11	DK80	1007006.92	431385.18	3768
7	1	11	EN86	1002093.03	428073.47	3703

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	11	FBA1	1003113.79	430567.73	3707
7	1	11	FBA10	1003638.93	430878.72	3726
7	1	11	FBA11	1003579.59	431074.93	3726
7	1	11	FBA 12	1003477.60	431278.27	3720
7	1	11	FBA13	1003245.65	431200.54	3710
7	1	11	FBA14	1003339.63	431232.06	3715
7	1	11	FBA15	1003216.74	431427.67	3707
7	1	11	FBA16	1006121.30	430295.53	3750
7	1	11	FBA17	1003727.64	430558.47	3722
7	1	11	FBA18	1003935.91	430572.07	3719
7	1	11	FBA19	1003624.17	430770.79	3722
7	1	11	FBA2	1003296.11	430502.20	3702
7	1	11	FBA3	1003456.53	430439.58	3712
7	1	11	FBA4	1003636.51	430412.36	3713
7	1	11	FBA5	1003274.19	429516.87	3690
7	1	11	FBA6	1003715.77	429877.62	3697
7	1	11	FBA8	1003572.62	430684.97	3722
7	1	11	FBA9	1006443.37	430255.07	3739
7	1	11	FBH1	1003983.18	429702.41	3705
7	1	11	FBH2	1003626.16	429671.72	3692
7	1	11	FBH3	1003926.45	429707.36	3705
7	1	11	FBH4	1003781.29	429847.15	3697
7	1	11	FBJ1	1006467.02	430952.32	3760
7	1	11	FBJ10	1006508.75	430466.38	3746
7	1	11	FBJ100	1005205.31	430405.65	3739
7	1	11	FBJ101	1005307.67	430548.89	3741
7	1	11	FBJ102	1004641.59	430666.65	3747
7	1	11	FBJ103	1004702.28	430740.90	3764
7	1	11	FBJ105	1005435.62	430526.34	3744
7	1	11	FBJ106	1005536.19	430362.13	3741
7	1	11	FBJ107	1005246.80	430927.66	3760
7	1	11	FBJ108	1005067.73	430940.30	3756
7	1	11	FBJ109	1004854.40	430718.14	3764
7	1	11	FBJ11	1006513.67	430375.13	3742
7	1	11	FBJ110	1004650.46	430818.09	3762
7	1	11	FBJ111	1005410.88	430529.33	3738
7	1	11	FBJ112	1005470.06	430417.82	3741
7	1	11	FBJ113	1004791.25	430769.25	3764
7	1	11	FBJ114	1005338.43	430884.93	3760
7	1	11	FBJ115	1004511.54	430802.85	3749
7	1	11	FBJ116	1005295.57	430909.95	3760
7	1	11	FBJ117	1004882.24	430816.53	3758
7	1	11	FBJ118	1004599.84	430909.77	3762

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	11	FBJ119	1004633.21	430437.57	3750
7	1	11	FBJ12	1006457.92	430600.59	3749
7	1	11	FBJ120	1005155.97	431003.63	3756
7	1	11	FBJ121	1004863.60	430914.09	3758
7	1	11	FBJ122	1004502.93	430929.04	3757
7	1	11	FBJ123	1004474.23	430594.29	3741
7	1	11	FBJ124	1006341.01	431197.52	3760
7	1	11	FBJ125	1006364.85	431266.99	3760
7	1	11	FBJ126	1006290.22	431637.32	3766
7	1	11	FBJ127	1004418.14	430824.82	3749
7	1	11	FBJ128	1004761.01	430932.05	3755
7	1	11	FBJ129	1004529.53	430436.48	3734
7	1	11	FBJ13	1006388.79	430621.00	3749
7	1	11	FBJ131	1004250.54	430293.05	3732
7	1	11	FBJ132	1004424.81	430531.89	3734
7	1	11	FBJ133	1006215.57	431156.25	3751
7	1	11	FBJ134	1006294.89	431242.56	3760
7	1	11	FBJ136	1004313.53	430405.85	3736
7	1	11	FBJ137	1004399.20	430943.59	3751
7	1	11	FBJ138	1006229.42	431710.53	3761
7	1	11	FBJ139	1004769.36	431041.26	3755
7	1	11	FBJ14	1006992.28	430117.83	3753
7	1	11	FBJ140	1004329.25	430564.28	3733
7	1	11	FBJ141	1004219.88	430480.16	3722
7	1	11	FBJ142	1005391.85	430961.40	3764
7	1	11	FBJ144	1004406.03	431044.21	3751
7	1	11	FBJ145	1004312.75	430652.51	3733
7	1	11	FBJ146	1004100.51	430466.04	3720
7	1	11	FBJ147	1004857.99	431092.60	3742
7	1	11	FBJ148	1003614.25	430541.46	3715
7	1	11	FBJ149	1004031.98	430606.62	3719
7	1	11	FBJ15	1006987.32	429937.69	3751
7	1	11	FBJ150	1005491.64	430913.59	3763
7	1	11	FBJ151	1003714.30	430658.08	3722
7	1	11	FBJ16	1006933.31	432002.43	3781
7	1	11	FBJ17	1006960.10	429836.65	3741
7	1	11	FBJ18	1006975.86	430166.66	3753
7	1	11	FBJ19	1006957.59	429674.93	3741
7	1	11	FBJ2	1006682.11	432072.26	3771
7	1	11	FBJ21	1004314.63	430115.57	3726
7	1	11	FBJ22	1006848.50	430265.41	3747
7	1	11	FBJ23	1003710.70	430101.49	3704
7	1	11	FBJ24	1003636.96	429943.46	3700

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	11	FBJ25	1004231.71	430059.50	3727
7	1	11	FBJ27	1004575.47	430621.74	3747
7	1	11	FBJ28	1004997.86	430676.37	3758
7	1	11	FBJ29	1005170.89	430514.11	3740
7	1	11	FBJ3	1006621.03	432047.50	3763
7	1	11	FBJ30	1005201.28	430758.49	3754
7	1	11	FBJ31	1004894.18	430519.36	3764
7	1	11	FBJ33	1004527.66	430539.71	3734
7	1	11	FBJ34	1004201.90	430100.82	3727
7	1	11	FBJ35	1003863.79	429943.91	3707
7	1	11	FBJ36	1003912.56	429919.61	3713
7	1	11	FBJ37	1003641.33	430036.45	3700
7	1	11	FBJ38	1005112.25	430559.27	3746
7	1	11	FBJ39	1005116.77	430805.90	3755
7	1	11	FBJ4	1006788.31	431999.53	3769
7	1	11	FBJ40	1003112.30	430204.83	3697
7	1	11	FBJ41	1003088.53	430273.63	3697
7	1	11	FBJ42	1003208.27	430575.80	3711
7	1	11	FBJ43	1003128.33	430629.50	3707
7	1	11	FBJ44	1003696.36	430037.15	3701
7	1	11	FBJ46	1003322.18	430662.66	3713
7	1	11	FBJ47	1007084.26	432029.63	3787
7	1	11	FBJ49	1007044.28	432220.66	3777
7	1	11	FBJ48	1007002.45	432157.66	3775
7	1	11	FBJ5	1006909.07	432436.86	3784
7	1	11	FBJ51	1005835.08	429801.02	3720
7	1	11	FBJ52	1006000.28	429460.69	3719
7	1	11	FBJ53	1006042.38	429707.47	3708
7	1	11	FBJ54	1006135.01	429359.22	3721
7	1	11	FBJ55	1006057.98	430131.11	3735
7	1	11	FBJ57	1006261.01	429444.42	3746
7	1	11	FBJ58	1006172.35	429769.46	3727
7	1	11	FBJ59	1005956.68	430197.07	3730
7	1	11	FBJ6	1006946.90	432059.32	3775
7	1	11	FBJ60	1006223.49	429910.02	3719
7	1	11	FBJ63	1006301.59	429568.76	3728
7	1	11	FBJ64	1006103.28	429631.97	3731
7	1	11	FBJ65	1005953.46	430296.90	3739
7	1	11	FBJ66	1006512.45	430136.73	3732
7	1	11	FBJ7	1006381.51	430715.18	3751
7	1	11	FBJ71	1006415.48	430136.33	3743
7	1	11	FBJ72	1006221.84	429648.35	3743
7	1	11	FBJ73	1005856.90	430264.35	3746

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	11	FBJ74	1006153.46	429473.17	3732
7	1	11	FBJ76	1006336.35	430243.09	3751
7	1	11	FBJ77	1006278.01	429824.86	3719
7	1	11	FBJ78	1006063.01	430245.55	3751
7	1	11	FBJ79	1005856.76	430158.78	3744
7	1	11	FBJ8	1006432.65	430663.67	3749
7	1	11	FBJ80	1006399.85	429493.73	3742
7	1	11	FBJ84	1006062.73	429423.70	3732
7	1	11	FBJ86	1005088.10	430456.00	3751
7	1	11	FBJ88	1005082.47	430847.64	3755
7	1	11	FBJ89	1004899.98	430619.31	3762
7	1	11	FBJ9	1006744.59	431879.89	3776
7	1	11	FBJ90	1005000.32	430430.51	3763
7	1	11	FBJ91	1005333.91	430385.63	3733
7	1	11	FBJ92	1005959.48	429598.49	3719
7	1	11	FBJ93	1005971.40	429499.86	3719
7	1	11	FBJ94	1005158.18	430898.50	3755
7	1	11	FBJ95	1004576.28	430725.47	3752
7	1	11	FBJ96	1004711.33	430499.47	3753
7	1	11	FBJ97	1005336.61	430492.92	3738
7	1	11	FBJ99	1004941.74	430662.31	3760
7	1	11	FBK1	1005828.66	431189.58	3762
7	1	11	FBK11	1006576.66	429993.15	3734
7	1	11	FBK12	1006590.08	429697.18	3733
7	1	11	FBK13	1006714.65	429888.30	3743
7	1	11	FBK14	1006845.48	429740.97	3732
7	1	11	FBK15	1006955.34	429571.43	3742
7	1	11	FBK17	1006874.98	429910.14	3742
7	1	11	FBK18	1006782.25	430197.61	3736
7	1	11	FBK19	1006618.20	430549.65	3748
7	1	11	FBK2	1004946.77	430539.75	3763
7	1	11	FBK29	1006187.25	429978.52	3728
7	1	11	FBK3	1003453.61	429945.34	3703
7	1	11	FBK34	1004365.85	430516.07	3732
7	1	11	FBK38	1006435.00	429631.53	3729
7	1	11	FBK39	1006343.62	429812.68	3722
7	1	11	FBK5	1003219.39	431049.55	3715
7	1	11	FBK6	1003349.49	430367.05	3703
7	1	11	FBK8	1005851.42	430595.51	3755
7	1	11	FBK9	1005998.48	430072.20	3730
7	1	11	FBM1	1006699.75	429698.28	3732
7	1	11	FBM10	1006735.48	429566.05	3742
7	1	11	FBM100	1003532.90	429718.36	3697

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	11	FBM101	1003482.53	429711.43	3697
7	1	11	FBM11	1006569.02	429461.52	3744
7	1	11	FBM12	1006515.75	429378.37	3753
7	1	11	FBM120	1006296.18	429094.15	3735
7	1	11	FBM121	1006298.00	429213.65	3750
7	1	11	FBM122	1006649.01	429209.05	3755
7	1	11	FBM123	1006608.87	429258.73	3755
7	1	11	FBM124	1006565.60	429285.47	3755
7	1	11	FBM125	1006524.90	429312.86	3753
7	1	11	FBM126	1006420.45	429364.03	3749
7	1	11	FBM127	1006357.42	429341.27	3749
7	1	11	FBM128	1006293.19	429291.29	3734
7	1	11	FBM129	1006242.18	429283.12	3732
7	1	11	FBM13	1006078.30	429991.42	3724
7	1	11	FBM130	1006201.24	429243.95	3732
7	1	11	FBM131	1006575.25	429333.97	3752
7	1	11	FBM132	1006408.86	429318.37	3749
7	1	11	FBM133	1006730.34	429285.03	3764
7	1	11	FBM134	1006780.03	429249.87	3764
7	1	11	FBM135	1006805.64	429304.63	3761
7	1	11	FBM136	1006869.96	429277.57	3768
7	1	11	FBM137	1006926.31	429234.07	3773
7	1	11	FBM138	1006921.64	429157.25	3769
7	1	11	FBM139	1006926.34	429083.01	3772
7	1	11	FBM14	1006301.62	429961.47	3733
7	1	11	FBM140	1006870.31	429204.79	3768
7	1	11	FBM141	1006829.11	429235.31	3768
7	1	11	FBM142	1006687.94	429251.91	3764
7	1	11	FBM143	1006457.35	429336.53	3753
7	1	11	FBM144	1006355.15	429277.71	3750
7	1	11	FBM145	1006408.04	429264.51	3750
7	1	11	FBM146	1006343.49	429230.31	3750
7	1	11	FBM147	1006871.91	429157.54	3769
7	1	11	FBM148	1006792.06	429202.89	3764
7	1	11	FBM149	1006740.34	429212.82	3764
7	1	11	FBM15	1005937.26	429963.45	3723
7	1	11	FBM150	1006462.20	429277.69	3753
7	1	11	FBM151	1006600.93	429285.84	3755
7	1	11	FBM152	1004804.18	430468.05	3764
7	1	11	FBM159	1004265.65	429897.94	3711
7	1	11	FBM160	1004225.06	429845.52	3711
7	1	11	FBM164	1004279.52	429801.58	3711
7	1	11	FBM165	1004310.76	429849.25	3716

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	11	FBM167	1004131.49	429820.49	3708
7	1	11	FBM168	1004142.72	429899.07	3708
7	1	11	FBM172	1004212.57	429999.70	3721
7	1	11	FBM178	1003942.78	429666.09	3704
7	1	11	FBM179	1003869.27	429772.94	3701
7	1	11	FBM179	1003807.37	429636.90	3702
7	1	11	FBM18	1005971.66	429787.30	3708
7	1	11	FBM182	1003976.59	429914.14	3702
7	1	11	FBM184	1003880.02	429620.73	3702
7	1	11	FBM189	1005928.98	429633.44	3719
7	1	11	FBM19	1005906.93	429713.62	3709
7	1	11	FBM192	1003933.11	429737.78	3705
7	1	11	FBM193	1003534.00	429937.87	3700
7	1	11	FBM194	1006202.29	432393.16	3773
7	1	11	FBM195	1003177.53	429735.08	3696
7	1	11	FBM196	1003609.34	429597.89	3692
7	1	11	FBM197	1003685.94	429700.28	3694
7	1	11	FBM198	1004160.79	430069.64	3722
7	1	11	FBM199	1003894.12	429662.35	3702
7	1	11	FBM2	1006472.03	429732.25	3732
7	1	11	FBM20	1005845.25	429611.98	3708
7	1	11	FBM204	1005995.54	430194.81	3730
7	1	11	FBM205	1006656.57	429628.90	3732
7	1	11	FBM206	1006975.50	432592.23	3792
7	1	11	FBM207	1006690.97	432582.15	3792
7	1	11	FBM208	1006721.53	432659.29	3792
7	1	11	FBM21	1006132.76	429895.82	3711
7	1	11	FBM22	1006661.33	430170.81	3733
7	1	11	FBM23	1006829.76	430288.39	3747
7	1	11	FBM24	1006873.44	430376.81	3746
7	1	11	FBM25	1006741.99	430451.78	3746
7	1	11	FBM26	1006756.61	430545.88	3746
7	1	11	FBM27	1006575.32	430651.20	3748
7	1	11	FBM28	1006883.33	429666.58	3744
7	1	11	FBM29	1006953.34	429700.97	3741
7	1	11	FBM3	1006537.95	429776.15	3732
7	1	11	FBM30	1006840.67	429568.05	3744
7	1	11	FBM31	1006779.04	429485.83	3750
7	1	11	FBM32	1006727.74	429386.40	3758
7	1	11	FBM33	1006669.33	429286.95	3755
7	1	11	FBM34	1006599.24	429509.32	3744
7	1	11	FBM35	1006640.11	429661.14	3732
7	1	11	FBM36	1006486.51	429453.86	3733

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	11	FBM37	1006677.27	429471.21	3750
7	1	11	FBM38	1006536.88	429692.67	3732
7	1	11	FBM39	1006444.52	429685.13	3732
7	1	11	FBM4	1006565.72	429883.01	3737
7	1	11	FBM41	1006538.97	429933.75	3728
7	1	11	FBM42	1006578.60	429825.03	3737
7	1	11	FBM43	1006530.83	429641.45	3729
7	1	11	FBM44	1006558.73	429597.72	3732
7	1	11	FBM45	1006798.29	430418.00	3746
7	1	11	FBM46	1006755.53	430240.91	3736
7	1	11	FBM47	1006133.27	430009.98	3724
7	1	11	FBM48	1006200.34	430041.26	3728
7	1	11	FBM49	1006238.63	430000.38	3728
7	1	11	FBM5	1006483.47	429925.31	3728
7	1	11	FBM6	1006614.04	429584.07	3732
7	1	11	FBM63	1004303.06	429945.67	3718
7	1	11	FBM64	1004250.66	429942.46	3721
7	1	11	FBM65	1004212.11	429898.51	3711
7	1	11	FBM66	1004207.83	429855.54	3711
7	1	11	FBM67	1004201.20	429807.39	3711
7	1	11	FBM7	1006451.52	429989.23	3728
7	1	11	FBM73	1004014.11	429689.56	3705
7	1	11	FBM75	1004052.03	429791.00	3712
7	1	11	FBM76	1004031.42	429838.97	3702
7	1	11	FBM77	1003930.71	429868.00	3702
7	1	11	FBM78	1003911.16	429813.42	3702
7	1	11	FBM8	1006659.95	429594.38	3732
7	1	11	FBM80	1003861.08	429693.32	3701
7	1	11	FBM81	1003807.92	429725.84	3701
7	1	11	FBM82	1003787.73	429789.14	3701
7	1	11	FBM83	1003747.30	429821.99	3697
7	1	11	FBM84	1003693.13	429848.39	3697
7	1	11	FBM85	1003680.56	429796.34	3697
7	1	11	FBM86	1003695.06	429737.76	3694
7	1	11	FBM 87	1003649.46	429731.79	3692
7	1	11	FBM88	1003602.48	429699.35	3692
7	1	11	FBM89	1003567.93	429656.28	3692
7	1	11	FBM9	1006681.42	429530.05	3750
7	1	11	FBM90	1003521.92	429671.67	3697
7	1	11	FBM91	1003472.26	429666.88	3695
7	1	11	FBM92	1003493.71	429748.77	3697
7	1	11	FBM93	1003498.94	429856.28	3700
7	1	11	FBM94	1003467.91	429804.36	3700

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	11	FBM95	1006566.64	431534.51	3773
7	1	11	FBM97	1003417.30	430463.01	3712
7	1	11	FBM98	1003530.61	430212.49	3712
7	1	11	FBM99	1003485.95	429899.78	3700
7	1	11	FBR10	1006648.97	429804.05	3737
7	1	11	FBR11	1006531.93	429835.70	3730
7	1	11	FBR12	1006815.20	430364.71	3746
7	1	11	FBR13	1006983.65	430989.67	3763
7	1	11	FBR14	1006974.13	431076.98	3765
7	1	11	FBR15	1006589.01	431665.86	3773
7	1	11	FBR16	1006801.97	431670.68	3778
7	1	11	FBR17	1006985.91	431601.28	3781
7	1	11	FBR18	1006495.12	431552.87	3769
7	1	11	FBR19	1006470.24	431176.10	3764
7	1	11	FBR20	1006552.44	431360.91	3766
7	1	11	FBR21	1004080.48	430707.59	3724
7	1	11	FBR22	1004080.36	430688.45	3724
7	1	11	FBR23	1007036.84	430613.29	3751
7	1	11	FBR24	1007004.78	431341.52	3768
7	1	11	FBR25	1006874.49	431588.02	3778
7	1	11	FBR28	1006776.21	430323.05	3741
7	1	11	FBR29	1006143.36	429099.49	3731
7	1	11	FBR30	1006410.98	429153.63	3735
7	1	11	FBR31	1006543.82	433080.80	3802
7	1	11	FBR32	1006304.49	429148.96	3735
7	1	11	FBR34	1006661.30	430433.57	3746
7	1	11	FBR35	1006570.27	430431.42	3746
7	1	11	FBR36	1006400.02	430792.69	3751
7	1	11	FBR37	1006269.62	430938.71	3751
7	1	11	FBR38	1006264.80	431020.49	3751
7	1	11	FBR39	1006394.58	431147.29	3762
7	1	11	FBR40	1006970.05	431147.98	3765
7	1	11	FBR41	1006624.93	429881.04	3737
7	1	11	FBR42	1006702.50	429759.38	3732
7	1	11	FBR43	1006446.63	429811.73	3730
7	1	11	FBR46	1004263.24	430112.74	3727
7	1	11	FBR47	1004216.30	430167.21	3727
7	1	11	FBR48	1005040.52	430699.19	3746
7	1	11	FBR49	1003805.50	430381.47	3711
7	1	11	FBR50	1003675.35	430468.28	3715
7	1	11	FBR51	1006796.20	429677.38	3732
7	1	11	FBR52	1004252.51	430208.69	3732
7	1	11	FBR53	1004186.19	430208.50	3732

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	11	FBR54	1004994.99	430759.88	3758
7	1	11	FBR55	1005140.00	430739.08	3746
7	1	11	FBR57	1003141.52	430272.41	3697
7	1	11	FBR58	1005829.68	431654.84	3761
7	1	11	FBR59	1005172.25	430571.15	3744
7	1	11	FBR6	1006144.93	429272.61	3714
7	1	11	FBR60	1005002.70	430618.98	3760
7	1	11	FBR61	1005219.63	430802.13	3757
7	1	11	FBR62	1005239.57	430487.23	3740
7	1	11	FBR63	1005243.68	430629.20	3744
7	1	11	FBR64	1005060.72	430805.47	3755
7	1	11	FBR65	1005891.32	431732.75	3753
7	1	11	FBR68	1005777.15	431775.43	3752
7	1	11	FBR7	1006254.31	429193.40	3732
7	1	11	FBR9	1006648.65	429728.06	3733
7	1	11	FBS10	1006979.32	431811.93	3785
7	1	11	FBS100	1003367.14	430461.10	3702
7	1	11	FBS101	1003486.83	430130.45	3709
7	1	11	FBS102	1003470.44	430186.80	3712
7	1	11	FBS103	1003452.93	430238.70	3712
7	1	11	FBS104	1003396.08	430269.22	3707
7	1	11	FBS105	1003453.61	430080.63	3709
7	1	11	FBS106	1003338.70	430300.62	3703
7	1	11	FBS107	1003349.45	430250.36	3707
7	1	11	FBS108	1003092.79	430323.75	3700
7	1	11	FBS109	1007029.41	431159.08	3765
7	1	11	FBS11	1006927.16	431852.21	3785
7	1	11	FBS110	1007025.90	431083.42	3765
7	1	11	FBS111	1007017.42	431024.18	3763
7	1	11	FBS112	1006984.12	430841.62	3759
7	1	11	FBS113	1006269.67	431740.21	3761
7	1	11	FBS114	1003415.57	430067.81	3709
7	1	11	FBS115	1003400.95	430133.33	3706
7	1	11	FBS116	1003362.99	430096.19	3706
7	1	11	FBS117	1003308.59	430086.40	3706
7	1	11	FBS118	1003268.94	430059.85	3703
7	1	11	FBS119	1003344.22	430047.27	3706
7	1	11	FBS12	1006867.48	431871.83	3777
7	1	11	FBS120	1003251.96	430009.17	3701
7	1	11	FBS121	1003203.30	430011.81	3701
7	1	11	FBS122	1003172.89	430039.64	3701
7	1	11	FBS123	1003131.11	430092.25	3697
7	1	11	FBS124	1003120.35	430031.71	3699

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	11	FBS125	1003064.33	430006.80	3699
7	1	11	FBS126	1003155.18	429990.00	3699
7	1	11	FBS127	1003299.97	430014.59	3702
7	1	11	FBS128	1003070.61	429946.38	3699
7	1	11	FBS129	1003138.61	429934.45	3699
7	1	11	FBS13	1006804.99	431931.64	3772
7	1	11	FBS130	1003222.99	429955.37	3701
7	1	11	FBS131	1003284.19	429977.23	3702
7	1	11	FBS132	1003414.35	430014.05	3703
7	1	11	FBS134	1003620.15	430072.81	3707
7	1	11	FBS135	1003637.95	430146.07	3707
7	1	11	FBS136	1003704.66	430142.08	3704
7	1	11	FBS137	1003778.06	430199.80	3708
7	1	11	FBS138	1003764.14	430272.60	3708
7	1	11	FBS139	1003771.48	430349.38	3712
7	1	11	FBS14	1006753.35	431827.35	3776
7	1	11	FBS140	1003754.95	430420.99	3715
7	1	11	FBS141	1003700.41	430312.93	3712
7	1	11	FBS142	1003658.24	430420.16	3713
7	1	11	FBS143	1003591.76	430452.25	3715
7	1	11	FBS144	1003511.48	430413.95	3715
7	1	11	FBS145	1003444.37	430389.23	3715
7	1	11	FBS146	1003310.84	430450.95	3702
7	1	11	FBS147	1003244.84	430491.32	3708
7	1	11	FBS148	1003189.15	430443.19	3708
7	1	11	FBS149	1003134.52	430473.72	3703
7	1	11	FBS15	1006674.42	431846.23	3776
7	1	11	FBS150	1003078.50	430496.97	3703
7	1	11	FBS151	1003181.25	430488.14	3708
7	1	11	FBS152	1003128.49	430515.08	3703
7	1	11	FBS153	1003229.57	430530.27	3708
7	1	11	FBS154	1003115.39	430662.77	3707
7	1	11	FBS155	1003312.31	430599.11	3713
7	1	11	FBS156	1003291.04	430540.37	3702
7	1	11	FBS157	1003166.70	430556.54	3711
7	1	11	FBS158	1003201.10	430744.14	3712
7	1	11	FBS159	1003676.51	430097.51	3704
7	1	11	FBS16	1006690.48	431774.88	3774
7	1	11	FBS160	1003780.59	430080.56	3704
7	1	11	FBS161	1003820.45	430129.31	3708
7	1	11	FBS162	1003982.53	430246.04	3721
7	1	11	FBS163	1003688.87	430377.37	3712
7	1	11	FBS164	1004140.98	430247.64	3725

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	11	FBS165	1004638.49	430534.35	3750
7	1	11	FBS166	1005265.22	430730.90	3754
7	1	11	FBS167	1006547.58	431420.76	3766
7	1	11	FBS168	1006656.10	431546.14	3773
7	1	11	FBS169	1006696.38	431580.46	3776
7	1	11	FBS17	1006593.42	431723.03	3771
7	1	11	FBS170	1006850.67	431654.30	3778
7	1	11	FBS171	1006558.18	431280.64	3762
7	1	11	FBS172	1006622.06	431443.72	3773
7	1	11	FBS173	1006425.35	431401.14	3766
7	1	11	FBS174	1006468.17	431059.70	3762
7	1	11	FBS175	1006473.56	430941.64	3760
7	1	11	FBS176	1006571.21	430741.63	3750
7	1	11	FBS177	1006794.87	430501.54	3746
7	1	11	FBS178	1006919.94	430279.03	3747
7	1	11	FBS179	1006873.00	430313.25	3746
7	1	11	FBS18	1006508.77	431632.87	3769
7	1	11	FBS180	1006823.70	430446.92	3748
7	1	11	FBS181	1006693.44	431491.55	3774
7	1	11	FBS182	1007053.65	431510.12	3775
7	1	11	FBS183	1006451.03	430849.08	3753
7	1	11	FBS184	1006923.72	431692.46	3782
7	1	11	FBS185	1006456.30	430781.37	3752
7	1	11	FBS186	1006915.44	431617.56	3778
7	1	11	FBS187	1007049.49	431880.51	3788
7	1	11	FBS188	1006994.86	431546.68	3774
7	1	11	FBS189	1006479.37	430661.17	3749
7	1	11	FBS19	1006418.41	431517.71	3770
7	1	11	FBS190	1006691.10	430477.97	3746
7	1	11	FBS191	1006542.16	430598.47	3749
7	1	11	FBS192	1007000.84	430220.43	3754
7	1	11	FBS193	1006619.86	430477.35	3746
7	1	11	FBS194	1006999.74	431126.39	3765
7	1	11	FBS195	1007029.07	430979.70	3763
7	1	11	FBS196	1006547.44	431577.57	3773
7	1	11	FBS197	1006699.87	431627.00	3776
7	1	11	FBS198	1006557.19	430499.20	3746
7	1	11	FBS199	1006407.99	430989.07	3760
7	1	11	FBS2	1007050.29	431712.19	3786
7	1	11	FBS20	1006656.97	431672.79	3773
7	1	11	FBS200	1006491.22	431010.22	3760
7	1	11	FBS201	1006407.74	431093.54	3762
7	1	11	FBS202	1006415.72	430910.33	3752

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	11	FBS203	1006940.09	429464.28	3751
7	1	11	FBS204	1006936.65	429626.08	3742
7	1	11	FBS21	1006857.19	431801.62	3782
7	1	11	FBS22	1006819.11	431729.63	3782
7	1	11	FBS23	1006740.19	431663.32	3776
7	1	11	FBS24	1006604.48	431950.31	3763
7	1	11	FBS25	1006591.02	431589.60	3773
7	1	11	FBS26	1006530.82	431496.68	3769
7	1	11	FBS27	1006495.63	431391.76	3766
7	1	11	FBS28	1006438.21	431307.13	3766
7	1	11	FBS29a	1006514.39	431265.94	3764
7	1	11	FBS29b	1006511.74	431254.04	3764
7	1	11	FBS29c	1006521.64	431187.81	3764
7	1	11	FBS3	1007031.89	431772.64	3784
7	1	11	FBS30	1006449.72	431124.21	3762
7	1	11	FBS31	1006439.30	431017.40	3760
7	1	11	FBS32	1006455.90	430917.21	3753
7	1	11	FBS33	1003588.76	430012.76	3700
7	1	11	FBS33	1006501.10	430818.70	3753
7	1	11	FBS34	1006502.82	430717.52	3752
7	1	11	FBS35	1006416.59	431209.89	3760
7	1	11	FBS36	1006931.63	431927.83	3781
7	1	11	FBS37	1007001.81	431981.25	3781
7	1	11	FBS38	1007043.73	432059.58	3775
7	1	11	FBS39	1006344.25	431328.62	3765
7	1	11	FBS4	1006863.63	431922.32	3777
7	1	11	FBS40	1006319.98	431428.28	3770
7	1	11	FBS41	1006075.89	431269.62	3760
7	1	11	FBS42	1006232.13	431289.10	3760
7	1	11	FBS43	1006143.03	431350.96	3764
7	1	11	FBS44	1006203.98	431444.02	3771
7	1	11	FBS45	1006147.80	431189.51	3760
7	1	11	FBS46	1006171.55	431085.55	3751
7	1	11	FBS47	1006500.45	431345.26	3766
7	1	11	FBS48	1006473.53	431235.71	3764
7	1	11	FBS49	1006528.61	431689.96	3765
7	1	11	FBS5	1006895.48	431542.01	3771
7	1	11	FBS50	1006488.23	431807.40	3762
7	1	11	FBS51	1006385.71	431777.75	3759
7	1	11	FBS52	1006328.37	431756.38	3759
7	1	11	FBS53	1006376.87	431728.02	3759
7	1	11	FBS54	1006365.80	431681.02	3759
7	1	11	FBS55	1006345.25	431809.26	3755

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	11	FBS56	1006319.78	431706.47	3759
7	1	11	FBS57	1006298.16	431799.06	3759
7	1	11	FBS58	1006222.09	431788.05	3761
7	1	11	FBS59	1006091.76	431850.56	3752
7	1	11	FBS6	1006959.49	431354.07	3768
7	1	11	FBS60	1006039.91	431760.11	3755
7	1	11	FBS61	1006006.50	431715.92	3755
7	1	11	FBS62	1005966.09	431654.77	3759
7	1	11	FBS63	1005944.79	431598.33	3759
7	1	11	FBS64	1005891.27	431592.66	3761
7	1	11	FBS65	1005951.96	431762.99	3755
7	1	11	FBS8	1007035.67	431250.70	3767
7	1	11	FBS9	1007003.66	431729.01	3784
7	1	11	FBS95	1006987.57	431215.60	3767
7	1	11	FBS96	1003477.33	429955.61	3703
7	1	11	FBS97	1003458.39	429996.30	3703
7	1	11	FBS98	1003491.54	430033.49	3703
7	1	11	FBS99	1003522.10	430088.58	3709
7	1	11	FBT1	1003828.83	429762.67	3701
7	1	11	FBT10	1003730.07	429648.75	3697
7	1	11	FBT100	1006393.84	431585.41	3765
7	1	11	FBT101	1006453.76	431689.36	3765
7	1	11	FBT102	1006564.50	431768.63	3771
7	1	11	FBT103	1006634.30	431750.34	3771
7	1	11	FBT104	1006739.10	432011.21	3769
7	1	11	FBT105	1006418.89	431455.17	3770
7	1	11	FBT106	1006627.20	429154.51	3751
7	1	11	FBT107	1003981.91	430477.81	3713
7	1	11	FBT108	1006108.56	431651.61	3763
7	1	11	FBT109	1006499.99	431283.47	3764
7	1	11	FBT11	1003516.50	429619.71	3695
7	1	11	FBT110	1003215.21	430644.62	3711
7	1	11	FBT111	1003414.17	429363.00	3690
7	1	11	FBT112	1003364.96	430629.23	3713
7	1	11	FBT113	1005102.92	430633.33	3746
7	1	11	FBT115	1006007.59	431570.75	3759
7	1	11	FBT116	1006878.38	431984.17	3772
7	1	11	FBT117	1006435.01	431772.69	3765
7	1	11	FBT118	1003946.65	429705.83	3705
7	1	11	FBT119	1003894.82	429788.18	3701
7	1	11	FBT12	1003442.89	429780.74	3697
7	1	11	FBT120	1004297.75	429827.83	3716
7	1	11	FBT121	1004298.01	429880.66	3716

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	11	FBT122	1004265.65	429929.73	3721
7	1	11	FBT124	1003062.57	430220.08	3697
7	1	11	FBT125	1006511.99	431434.93	3769
7	1	11	FBT126	1006883.11	431831.13	3777
7	1	11	FBT127	1006828.53	431891.35	3777
7	1	11	FBT129	1005994.06	431618.57	3759
7	1	11	FBT13	1003381.34	429639.19	3694
7	1	11	FBT130	1006634.48	431805.20	3768
7	1	11	FBT131	1006523.90	431783.50	3765
7	1	11	FBT132	1006832.35	431960.18	3772
7	1	11	FBT133	1005929.80	431555.16	3759
7	1	11	FBT135	1005860.46	431665.45	3761
7	1	11	FBT136	1006008.52	431828.78	3751
7	1	11	FBT137	1005956.76	431808.88	3751
7	1	11	FBT138	1005949.27	431870.65	3751
7	1	11	FBT139	1006029.49	431985.97	3744
7	1	11	FBT14	1003908.25	429706.82	3701
7	1	11	FBT14	1004968.52	431619.56	3763
7	1	11	FBT140	1006276.24	431870.57	3753
7	1	11	FBT141	1006138.78	431822.02	3752
7	1	11	FBT142	1006128.31	432001.79	3750
7	1	11	FBT143	1003194.97	430372.86	3701
7	1	11	FBT144	1006209.37	432073.95	3761
7	1	11	FBT146	1003177.36	430186.34	3703
7	1	11	FBT147	1003084.59	430096.18	3697
7	1	11	FBT148	1006334.58	432176.77	3764
7	1	11	FBT149	1006339.66	432299.18	3770
7	1	11	FBT 15	1003572.58	429763.72	3692
7	1	11	FBT150	1003157.75	430319.60	3701
7	1	11	FBT151	1006453.99	432299.09	3769
7	1	11	FBT152	1003263.33	430573.00	3711
7	1	11	FBT153	1006301.37	432122.75	3764
7	1	11	FBT154	1006554.76	432253.97	3770
7	1	11	FBT155	1003633.38	429879.47	3694
7	1	11	FBT156	1003771.01	429890.96	3697
7	1	11	FBT157	1006839.88	432384.63	3778
7	1	11	FBT158	1006636.45	432309.29	3772
7	1	11	FBT159	1006722.13	432350.13	3775
7	1	11	FBT16	1003829.24	429858.45	3700
7	1	11	FBT160	1006559.58	432309.82	3772
7	1	11	FBT161	1006634.79	432199.43	3770
7	1	11	FBT162	1006640.45	432377.69	3772
7	1	11	FBT163	1006720.08	432453.47	3784

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	11	FBT164	1006805.77	432535.92	3784
7	1	11	FBT165	1006897.42	432586.51	3792
7	1	11	FBT166	1006718.80	432112.73	3771
7	1	11	FBT167	1006654.79	432128.42	3766
7	1	11	FBT168	1006904.41	432317.45	3778
7	1	11	FBT169	1006887.98	432188.22	3776
7	1	11	FBT17	1003721.56	429636.60	3697
7	1	11	FBT170	1006615.40	430599.68	3748
7	1	11	FBT171	1006817.32	432279.50	3776
7	1	11	FBT172	1006810.27	432126.48	3772
7	1	11	FBT173	1006765.26	430391.24	3741
7	1	11	FBT175	1006620.67	430387.44	3739
7	1	11	FBT176	1006510.94	430548.83	3749
7	1	11	FBT177	1006977.30	430290.33	3754
7	1	11	FBT178	1006671.25	432006.09	3763
7	1	11	FBT179	1006988.74	432390.38	3779
7	1	11	FBT180	1003341.50	430147.65	3706
7	1	11	FBT181	1003578.93	429912.31	3694
7	1	11	FBT182	1006113.56	433126.53	3782
7	1	11	FBT184	1007026.91	432289.85	3777
7	1	11	FBT185	1003874.04	429878.57	3700
7	1	11	FBT189	1003062.75	430153.18	3697
7	1	11	FBT19	1003995.71	429779.99	3705
7	1	11	FBT190	1007101.07	432363.05	3784
7	1	11	FBT191	1006991.71	432498.32	3786
7	1	11	FBT192	1006875.45	430214.30	3747
7	1	11	FBT193	1006886.78	429621.82	3744
7	1	11	FBT194	1007069.99	432471.14	3792
7	1	11	FBT195	1006940.23	430371.41	3750
7	1	11	FBT196	1007015.63	430313.55	3750
7	1	11	FBT197	1006944.01	430220.46	3754
7	1	11	FBT199	1007073.42	432592.90	3796
7	1	11	FBT200	1007112.08	432686.81	3801
7	1	11	FBT201	1006671.79	431955.28	3763
7	1	11	FBT202	1006108.65	430053.46	3735
7	1	11	FBT203	1006159.72	429949.95	3724
7	1	11	FBT204	1003904.44	429972.20	3707
7	1	11	FBT205	1004495.97	430683.32	3741
7	1	11	FBT208	1004306.09	430263.95	3734
7	1	11	FBT209	1003061.26	429876.75	3699
7	1	11	FBT210	1004721.66	430408.43	3749
7	1	11	FBT25	1005936.56	429677.93	3708
7	1	11	FBT28	1006995.71	432025.52	3781

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	11	FBT30	1003744.83	429703.03	3694
7	1	11	FBT31	1003441.60	429860.69	3700
7	1	11	FBT32	1003491.42	429821.66	3700
7	1	11	FBT33	1003600.65	430372.62	3713
7	1	11	FBT34	1003722.57	430232.43	3708
7	1	11	FBT34	1006089.89	431789.33	3760
7	1	11	FBT35	1003514.22	430358.24	3715
7	1	11	FBT36	1004055.35	429976.02	3721
7	1	11	FBT37	1003929.08	430008.39	3713
7	1	11	FBT38	1006894.19	429138.21	3769
7	1	11	FBT39	1006856.68	429174.06	3768
7	1	11	FBT4	1004918.65	430404.21	3763
7	1	11	FBT42	1003165.50	430014.42	3701
7	1	11	FBT43	1003243.83	432871.88	3711
7	1	11	FBT45	1004926.81	431731.89	3760
7	1	11	FBT45	1006332.17	432072.40	3764
7	1	11	FBT47	1003539.28	431640.39	3709
7	1	11	FBT48	1004053.66	432322.01	3743
7	1	11	FBT49	1006586.64	431554.42	3773
7	1	11	FBT5	1003378.70	430062.55	3706
7	1	11	FBT51	1003124.03	429338.31	3698
7	1	11	FBT52	1003165.04	429920.51	3701
7	1	11	FBT53	1003521.35	429897.19	3700
7	1	11	FBT54	1003215.01	429850.97	3699
7	1	11	FBT55	1003264.50	429921.01	3701
7	1	11	FBT6	1007031.21	431451.71	3774
7	1	11	FBT62	1004287.73	430055.57	3726
7	1	11	FBT69	1003596.90	430267.23	3711
7	1	11	FBT7	1006985.13	431795.02	3784
7	1	11	FBT70	1003563.53	429823.19	3694
7	1	11	FBT71	1006353.82	429401.45	3749
7	1	11	FBT72	1006405.44	429222.00	3750
7	1	11	FBT73	1006704.68	429177.85	3764
7	1	11	FBT74	1006609.06	429410.29	3752
7	1	11	FBT75	1006924.73	430325.11	3750
7	1	11	FBT76	1006449.32	430723.89	3752
7	1	11	FBT77	1006526.53	430616.52	3749
7	1	11	FBT78	1006571.09	430546.39	3748
7	1	11	FBT79	1006658.87	430515.38	3746
7	1	11	FBT80	1006740.55	430501.60	3746
7	1	11	FBT81	1006495.84	431459.90	3769
7	1	11	FBT82	1006368.53	431036.67	3760
7	1	11	FBT183	1003813.37	429924.51	3707

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	11	FBT83	1006368.94	430951.75	3760
7	1	11	FBT84	1006327.23	431088.68	3762
7	1	11	FBT85	1006700.11	429123.62	3760
7	1	11	FBT86	1006700.89	429351.39	3758
7	1	11	FBT92	1006289.43	431129.18	3751
7	1	11	FBT93	1006317.90	430990.51	3760
7	1	11	FBT94	1006314.51	430910.26	3752
7	1	11	FBT95	1006035.05	431650.33	3759
7	1	11	FBT96	1006760.02	431961.46	3769
7	1	11	FBT97	1006801.66	431864.00	3777
7	1	11	FBT98	1006400.33	431837.99	3755
7	1	11	FBT99	1006071.86	431706.69	3760
7	1	11	FBW1	1006910.61	429582.26	3744
7	1	11	FBW2	1006959.48	429529.92	3751
7	1	11	FBW3	1006925.17	429116.20	3772
7	1	11	FBW4	1006786.63	429118.10	3760
7	1	11	FBW5	1006472.52	429223.17	3753
7	1	11	FBW6	1006189.56	429126.90	3727
7	1	11	FBW8	1005939.32	429550.99	3719
7	1	11	PA100	1001988.01	429061.11	3686
7	1	11	PA35	1001941.39	429263.40	3691
7	1	11	PA50	1001765.25	429244.19	3691
7	1	11	PA51	1001689.16	429228.01	3691
7	1	11	PA52	1001735.13	429290.75	3695
7	1	11	PA53	1001816.95	429273.39	3692
7	1	11	PA67	1001634.98	428490.99	3671
7	1	11	PA68	1001661.05	428400.42	3680
7	1	11	PA84	1001652.15	428627.43	3673
7	1	11	PA85	1001645.66	428551.92	3671
7	1	11	PA91	1002097.61	429084.00	3693
7	1	11	PA92	1002010.25	429112.16	3686
7	1	11	PA93	1002445.66	429082.93	3713
7	1	11	PA94	1002043.74	429058.92	3693
7	1	11	PA97	1001844.22	428885.55	3678
7	1	11	PA98	1001720.38	428798.53	3675
7	1	11	PM100	1001785.57	429154.86	3687
7	1	11	PM101	1002286.53	429233.38	3714
7	1	11	PM102	1002517.02	429189.04	3712
7	1	11	PM103	1002441.41	429160.96	3713
7	1	11	PM104	1005865.73	429064.80	3706
7	1	11	PM105	1005877.09	428942.75	3722
7	1	11	PM106	1005946.23	428964.64	3735
7	1	11	PM107	1006000.89	428913.17	3737

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	11	PM108	1006026.52	428977.16	3735
7	1	11	PM109	1006085.92	428983.43	3739
7	1	11	PM110	1006131.51	429025.21	3739
7	1	11	PM111	1006193.09	429038.63	3741
7	1	11	PM112	1006245.35	429017.44	3741
7	1	11	PM113	1002070.58	429286.87	3699
7	1	11	PM114	1001800.19	429022.87	3682
7	1	11	PM116	1001913.09	429100.99	3686
7	1	11	PM148	1001672.05	428849.98	3675
7	1	11	PM49	1002559.51	429228.78	3703
7	1	11	PM56	1002036.80	429199.80	3699
7	1	11	PM57	1002315.83	429174.22	3714
7	1	11	PM66	1002184.00	429156.71	3705
7	1	11	PM68	1002207.02	429240.32	3712
7	1	11	PM97	1001899.23	429169.06	3692
7	1	11	PM98	1001991.16	429204.65	3691
7	1	11	PM99	1001889.39	429249.77	3692
7	1	11	PR1	1002478.37	429041.77	3713
7	1	11	PR2	1002393.97	429251.38	3714
7	1	11	PR4	1005865.80	429012.83	3722
7	1	11	PR5	1005799.09	429075.75	3706
7	1	11	PR6	1006215.32	429076.16	3727
7	1	11	PS18	1001750.82	428896.64	3675
7	1	11	PS19	1001867.94	429051.39	3687
7	1	11	PS20	1001727.53	429196.90	3691
7	1	11	PS21	1001935.98	429237.19	3691
7	1	11	PS22	1002433.36	429210.41	3712
7	1	11	PS23	1002631.86	429130.92	3706
7	1	11	PS24	1001692.43	429047.08	3686
7	1	11	PS26	1001850.65	429144.19	3687
7	1	11	PS32	1001721.32	428977.79	3682
7	1	11	PS33	1001769.64	429084.90	3686
7	1	11	PS34	1001829.56	429208.52	3692
7	1	11	PS35	1001710.56	429121.46	3686
7	1	11	PS36	1001656.10	428771.58	3674
7	1	11	PS37	1001778.46	429228.15	3692
7	1	11	PS46	1001670.88	428921.58	3682
7	1	11	PT1	1005997.37	428955.99	3735
7	1	11	PT121	1001705.66	428885.91	3675
7	1	11	PT140	1006225.92	428963.02	3741
7	1	11	PT141	1006195.11	428930.93	3741
7	1	11	PT142	1002942.32	429197.35	3702
7	1	11	PT144	1002110.81	429217.31	3699

Appendix 3.2-A

Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	11	PT16	1002067.55	429145.56	3693
7	1	11	PT163	1002308.63	429132.27	3709
7	1	11	PT169	1001747.70	429046.91	3686
7	1	11	PT173	1002501.91	429075.29	3713
7	1	11	PT18	1002114.02	429245.19	3699
7	1	11	PT22	1002221.68	429197.09	3712
7	1	11	PT24	1002516.92	429125.75	3713
7	1	11	PT26	1002056.43	429289.04	3699
7	1	11	PT3	1002382.01	429130.77	3709
7	1	11	PT35	1002010.77	429163.65	3686
7	1	11	PT4	1002550.31	429152.75	3706
7	1	11	PT5	1001967.39	429149.58	3686
7	1	11	PT-52	1006161.24	429027.32	3739
7	1	11	PT6	1002028.36	429238.11	3699
7	1	11	PT7	1002142.35	429190.23	3699
7	1	11	PT8	1002279.18	429188.79	3714
7	1	11	PT9	1001643.98	428829.30	3672
7	1	11	PW1	1006172.96	429002.54	3741
7	1	11	PW10	1006027.19	429058.54	3729
7	1	11	PW2	1006050.15	429015.74	3739
7	1	11	PW3	1005972.21	429013.89	3735
7	1	11	PW4	1006092.17	429057.64	3731
7	1	11	PW5	1006133.56	428960.82	3739
7	1	11	PW6	1006056.27	428942.07	3739
7	1	11	PW7	1005925.82	429067.31	3729
7	1	11	PW8	1005829.47	429019.43	3722
7	1	11	PW9	1006100.40	428902.28	3743
7	1	11	RCP58	1006539.16	433096.52	3802
7	1	11	RON2	1002520.44	429424.71	3710
7	1	11	RON3	1002039.51	431152.77	3680
7	1	11	RON5	1001814.33	430318.93	3674
7	1	11	RONA1	1002091.37	430645.88	3673
7	1	11	RONA10	1001745.32	430580.33	3666
7	1	11	RONA100	1002185.61	430015.19	3695
7	1	11	RONA101	1002096.42	429615.03	3703
7	1	11	RONA102	1001907.21	429333.56	3703
7	1	11	RONA103	1001697.59	429760.34	3694
7	1	11	RONA104	1001717.75	429461.05	3696
7	1	11	RONA105	1002163.55	429459.59	3707
7	1	11	RONA106	1002169.51	429534.72	3707
7	1	11	RONA107	1001761.90	429660.73	3696
7	1	11	RONA108	1001691.87	429338.27	3695
7	1	11	RONA109	1001821.07	429427.78	3700

Appendix 3.2-A

Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	11	RONA11	1002687.69	430539.59	3690
7	1	11	RONA110	1001749.93	429357.13	3695
7	1	11	RONA112	1002105.05	430017.07	3692
7	1	11	RONA113	1002218.38	429402.32	3710
7	1	11	RONA114	1002225.54	429469.95	3707
7	1	11	RONA115	1002086.97	429461.95	3706
7	1	11	RONA116	1002065.56	429526.50	3706
7	1	11	RONA117	1001930.45	429505.86	3703
7	1	11	RONA118	1001720.30	429531.13	3696
7	1	11	RONA119	1001922.35	429378.75	3703
7	1	11	RONA12	1002867.72	430520.41	3692
7	1	11	RONA120	1002143.40	429650.83	3703
7	1	11	RONA121	1002740.39	430209.66	3687
7	1	11	RONA122	1002841.77	430252.77	3689
7	1	11	RONA123	1002832.19	430141.80	3696
7	1	11	RONA124	1002625.12	430132.96	3708
7	1	11	RONA125	1002473.74	429959.34	3712
7	1	11	RONA127	1001810.52	431342.89	3671
7	1	11	RONA128	1002006.06	431440.08	3685
7	1	11	RONA129	1003048.85	431363.52	3704
7	1	11	RONA13	1003041.81	430536.49	3703
7	1	11	RONA130	1002072.26	431619.87	3691
7	1	11	RONA131	1002120.44	431782.41	3692
7	1	11	RONA132	1002310.45	431762.71	3700
7	1	11	RONA133	1002525.39	431904.49	3690
7	1	11	RONA134	1001890.27	431482.18	3672
7	1	11	RONA135	1002588.08	432109.29	3690
7	1	11	RONA136	1001990.42	431562.29	3686
7	1	11	RONA137	1002183.04	431716.97	3697
7	1	11	RONA138	1001890.07	431401.68	3671
7	1	11	RONA139	1002617.31	432348.67	3694
7	1	11	RONA14	1002099.01	429394.16	3701
7	1	11	RONA140	1002306.72	431896.04	3694
7	1	11	RONA141	1002485.58	432030.96	3682
7	1	11	RONA142	1002107.90	431694.73	3692
7	1	11	RONA143	1002370.90	432060.68	3681
7	1	11	RONA144	1002480.12	432529.31	3682
7	1	11	RONA145	1002425.81	431980.31	3682
7	1	11	RONA146	1002478.77	432260.49	3684
7	1	11	RONA147	1002499.67	432404.02	3682
7	1	11	RONA148	1006866.04	432448.49	3784
7	1	11	RONA149	1002354.41	432476.26	3678
7	1	11	RONA15	1001835.78	430603.83	3669

Appendix 3.2-A

Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	11	RONA150	1002219.93	432376.85	3679
7	1	11	RONA151	1002038.56	432397.89	3674
7	1	11	RONA16	1002483.62	429858.59	3710
7	1	11	RONA17	1002563.87	429915.48	3711
7	1	11	RONA18	1002652.24	429916.32	3711
7	1	11	RONA19	1002747.14	429892.10	3715
7	1	11	RONA2	1002212.29	430631.20	3673
7	1	11	RONA21	1002081.95	429333.55	3701
7	1	11	RONA21	1002574.29	430612.58	3685
7	1	11	RONA22	1002296.92	429863.92	3703
7	1	11	RONA23	1002364.18	429845.54	3703
7	1	11	RONA26	1002120.69	429794.75	3690
7	1	11	RONA27	1002207.93	429802.60	3701
7	1	11	RONA28	1002199.89	429874.26	3701
7	1	11	RONA29	1002182.80	429722.38	3699
7	1	11	RONA3	1002306.71	430540.52	3680
7	1	11	RONA30	1002292.46	429805.75	3703
7	1	11	RONA31	1002612.91	429897.20	3711
7	1	11	RONA32	1002250.66	429736.74	3699
7	1	11	RONA33	1002343.93	429802.25	3703
7	1	11	RONA34	1002097.69	429702.57	3696
7	1	11	RONA38	1002023.55	430665.28	3670
7	1	11	RONA39	1001745.39	429714.21	3694
7	1	11	RONA4	1002436.67	430591.63	3683
7	1	11	RONA40	1001670.44	429666.37	3696
7	1	11	RONA42	1002022.50	430623.83	3670
7	1	11	RONA43	1002270.59	430633.17	3673
7	1	11	RONA44	1002737.00	430661.33	3693
7	1	11	RONA45	1002966.27	430565.82	3700
7	1	11	RONA46	1002748.26	430499.20	3690
7	1	11	RONA47	1002653.58	430473.55	3682
7	1	11	RONA48	1002518.35	430637.72	3683
7	1	11	RONA49	1001967.33	430537.32	3672
7	1	11	RONA5	1001934.19	430673.74	3668
7	1	11	RONA50	1001863.64	430540.23	3670
7	1	11	RONA51	1002145.58	429969.72	3692
7	1	11	RONA52	1002251.74	429910.13	3701
7	1	11	RONA53	1002429.73	430555.47	3683
7	1	11	RONA54	1002618.25	430593.80	3685
7	1	11	RONA55	1002571.38	430424.33	3682
7	1	11	RONA56	1002700.11	430698.88	3690
7	1	11	RONA57	1002758.48	430631.71	3693
7	1	11	RONA58	1003018.15	430483.61	3702

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	11	RONA6	1002600.41	430524.73	3682
7	1	11	RONA60	1001761.43	429508.87	3696
7	1	11	RONA61	1001820.38	429637.35	3698
7	1	11	RONA62	1001989.53	429697.72	3697
7	1	11	RONA63	1001926.99	429554.58	3701
7	1	11	RONA64	1001911.43	429766.45	3697
7	1	11	RONA67	1001852.55	429529.66	3700
7	1	11	RONA68	1001929.58	429640.67	3701
7	1	11	RONA69	1001862.29	429710.15	3694
7	1	11	RONA7	1002721.34	430606.01	3693
7	1	11	RONA7	1003012.84	430109.70	3693
7	1	11	RONA70	1001743.48	429406.09	3695
7	1	11	RONA71	1001744.04	429613.45	3696
7	1	11	RONA72	1002340.95	430114.01	3705
7	1	11	RONA74	1001834.92	429847.05	3691
7	1	11	RONA76	1002464.17	430239.78	3702
7	1	11	RONA77	1002477.77	430082.90	3708
7	1	11	RONA78	1001941.45	429430.28	3703
7	1	11	RONA79	1002563.76	430170.61	3699
7	1	11	RONA8	1001813.40	430692.30	3667
7	1	11	RONA80	1002026.22	429360.29	3703
7	1	11	RONA81	1001863.09	429369.49	3697
7	1	11	RONA82	1002042.42	429658.48	3703
7	1	11	RONA83	1001780.06	429304.83	3697
7	1	11	RONA84	1002019.12	429483.26	3703
7	1	11	RONA85	1002135.51	429497.76	3706
7	1	11	RONA86	1001891.42	429466.80	3700
7	1	11	RONA87	1001829.87	429578.81	3698
7	1	11	RONA88	1001767.25	429564.14	3696
7	1	11	RONA89	1001979.99	429767.76	3697
7	1	11	RONA9	1002687.07	430432.05	3690
7	1	11	RONA90	1002077.93	429758.59	3696
7	1	11	RONA91	1001850.85	429762.72	3694
7	1	11	RONA92	1001936.06	429809.90	3691
7	1	11	RONA95	1001793.21	429500.35	3700
7	1	11	RONA96	1001996.05	429434.93	3703
7	1	11	RONA97	1001984.03	429381.59	3703
7	1	11	RONA98	1001779.12	429870.32	3691
7	1	11	RONA99	1002052.79	429712.39	3696
7	1	11	RONJ2	1001681.05	429299.55	3695
7	1	11	RONJ3	1001769.35	430948.95	3661
7	1	11	RONJ4	1002651.87	430077.94	3708
7	1	11	RONJ5	1002834.49	430026.04	3704

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	11	RONJ6	1002739.38	430257.85	3687
7	1	11	RONJ7	1002300.61	429537.02	3706
7	1	11	RONJ8	1001868.36	429937.82	3680
7	1	11	RONM1	1001859.39	430215.16	3676
7	1	11	RONM10	1002013.95	429829.72	3691
7	1	11	RONM13	1001740.44	430984.45	3661
7	1	11	RONM14	1002778.22	429461.98	3714
7	1	11	RONM15	1002897.52	429810.89	3708
7	1	11	RONM16	1003010.58	429926.48	3700
7	1	11	RONM17	1002902.46	429722.04	3711
7	1	11	RONM18	1002650.67	429463.62	3713
7	1	11	RONM19	1002910.55	429981.28	3700
7	1	11	RONM2	1001942.94	430038.89	3688
7	1	11	RONM3	1002049.35	429877.09	3690
7	1	11	RONM4	1002077.75	429831.84	3690
7	1	11	RONM5	1002140.71	429754.26	3696
7	1	11	RONM6	1002221.91	429693.35	3699
7	1	11	RONM7	1002305.77	429624.64	3701
7	1	11	RONM8	1002414.87	429541.33	3710
7	1	11	RONM9	1002468.88	429489.94	3710
7	1	11	RONR1	1002157.28	429397.66	3710
7	1	11	RONR10	1002484.00	429343.91	3710
7	1	11	RONR11	1002460.66	429280.97	3712
7	1	11	RONR12	1002305.16	429348.03	3712
7	1	11	RONR13	1002117.72	429333.24	3701
7	1	11	RONR15	1002431.30	429327.29	3710
7	1	11	RONR16	1002444.87	429386.31	3710
7	1	11	RONR17	1002248.39	429540.59	3707
7	1	11	RONR18	1002378.75	429193.79	3714
7	1	11	RONR19	1002152.46	429268.91	3699
7	1	11	RONR2	1002530.44	429313.99	3708
7	1	11	RONR20	1002249.36	429263.78	3712
7	1	11	RONR22	1002949.65	429824.90	3704
7	1	11	RONR23	1002379.45	429354.38	3712
7	1	11	RONR24	1002675.70	429232.19	3702
7	1	11	RONR25	1002365.53	429423.08	3706
7	1	11	RONR26	1002596.66	429545.84	3715
7	1	11	RONR27	1002875.40	430051.74	3696
7	1	11	RONR28	1002716.79	429702.17	3719
7	1	11	RONR29	1002982.25	430138.06	3693
7	1	11	RONR3	1002598.34	429354.99	3708
7	1	11	RONR30	1002819.10	430287.44	3689
7	1	11	RONR31	1002619.31	430300.95	3681

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	11	RONR32	1002428.86	429690.94	3714
7	1	11	RONR33	1003033.61	430793.14	3711
7	1	11	RONR4	1002840.50	429378.83	3709
7	1	11	RONR5	1002905.87	429536.33	3713
7	1	11	RONR6	1002897.88	429611.22	3713
7	1	11	RONR8	1002282.64	429404.26	3712
7	1	11	RONR9	1002353.27	429299.42	3712
7	1	11	RONS1	1003024.21	430327.73	3695
7	1	11	RONS10	1002601.62	429993.32	3713
7	1	11	RONS11	1002589.38	429695.19	3714
7	1	11	RONS12	1002702.96	429819.67	3715
7	1	11	RONS13	1002914.12	430199.08	3692
7	1	11	RONS14	1002234.96	429311.64	3710
7	1	11	RONS15	1002807.98	429294.55	3709
7	1	11	RONS16	1002809.70	429500.41	3713
7	1	11	RONS17	1002631.57	429321.94	3708
7	1	11	RONS18	1002606.84	429414.46	3708
7	1	11	RONS19	1003012.60	429975.02	3700
7	1	11	RONS2	1002957.82	430287.63	3692
7	1	11	RONS20	1002964.96	429978.84	3700
7	1	11	RONS21	1002988.70	430037.01	3700
7	1	11	RONS22	1002886.28	430147.09	3696
7	1	11	RONS23	1002963.45	429918.08	3704
7	1	11	RONS24	1002893.84	429924.48	3704
7	1	11	RONS25	1002832.20	429920.88	3704
7	1	11	RONS26	1002868.38	429851.18	3708
7	1	11	RONS27	1002815.74	429813.26	3708
7	1	11	RONS28	1002843.26	429718.54	3711
7	1	11	RONS29	1002834.55	429634.49	3713
7	1	11	RONS30	1002781.49	429558.63	3713
7	1	11	RONS31	1002737.45	429485.85	3714
7	1	11	RONS32	1002682.50	429396.98	3709
7	1	11	RONS33	1002913.95	430245.65	3692
7	1	11	RONS33	1002914.30	429770.66	3706
7	1	11	RONS34	1003015.85	429892.51	3704
7	1	11	RONS35	1002921.19	429869.88	3704
7	1	11	RONS36	1002858.52	429775.70	3711
7	1	11	RONS37	1002806.89	429599.30	3713
7	1	11	RONS38	1002731.32	429432.77	3714
7	1	11	RONS39	1002878.28	429673.13	3711
7	1	11	RONS4	1002866.05	430198.59	3689
7	1	11	RONS40	1002671.55	429335.62	3709
7	1	11	RONS41	1003019.15	430586.14	3700

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	11	RONS42	1002976.43	430520.48	3702
7	1	11	RONS43	1002913.99	430526.16	3702
7	1	11	RONS44	1002839.03	430577.05	3694
7	1	11	RONS45	1002789.48	430535.41	3692
7	1	11	RONS46	1002753.66	430153.06	3703
7	1	11	RONS47	1002637.40	430193.84	3699
7	1	11	RONS48	1002992.67	430220.97	3692
7	1	11	RONS49	1002629.38	429261.71	3703
7	1	11	RONS5	1002809.94	430193.15	3689
7	1	11	RONS50	1002748.98	429364.22	3709
7	1	11	RONS51	1002621.47	429196.67	3703
7	1	11	RONS52	1002711.01	429259.66	3702
7	1	11	RONS53	1002748.90	429568.63	3718
7	1	11	RONS6	1002706.11	430209.38	3687
7	1	11	RONS7	1002600.46	430242.66	3699
7	1	11	RONS8	1002685.53	430283.88	3687
7	1	11	RONS9	1002786.41	430244.07	3689
7	1	11	RONT1	1002806.48	429574.09	3713
7	1	11	RONT10	1002513.51	430448.26	3681
7	1	11	RONT11	1002488.69	429924.67	3712
7	1	11	RONT12	1002469.08	430557.40	3683
7	1	11	RONT13	1002315.27	429924.82	3702
7	1	11	RONT14	1002237.49	429852.81	3701
7	1	11	RONT15	1002579.89	430578.45	3685
7	1	11	RONT16	1002038.19	429750.81	3696
7	1	11	RONT17	1002666.25	430578.36	3693
7	1	11	RONT18	1001943.95	429696.58	3697
7	1	11	RONT19	1002208.71	429954.01	3695
7	1	11	RONT2	1002761.91	429834.75	3715
7	1	11	RONT20	1002754.69	430583.89	3693
7	1	11	RONT21	1002092.36	429946.65	3692
7	1	11	RONT22	1002804.14	430670.29	3694
7	1	11	RONT23	1001968.45	429912.86	3691
7	1	11	RONT24	1002765.89	430767.51	3690
7	1	11	RONT25	1002672.24	430842.25	3703
7	1	11	RONT26	1002672.65	430660.08	3693
7	1	11	RONT27	1002529.90	430675.65	3690
7	1	11	RONT28	1002397.40	430653.13	3680
7	1	11	RONT29	1002207.18	430577.44	3673
7	1	11	RONT3	1002689.95	429881.84	3715
7	1	11	RONT30	1002123.64	430694.96	3670
7	1	11	RONT31	1001995.00	430690.17	3668
7	1	11	RONT32	1001912.24	430750.66	3668

Appendix 3.2-A

Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	11	RONT33	1001869.53	430919.08	3663
7	1	11	RONT34	1001913.14	431007.55	3670
7	1	11	RONT35	1001834.56	431071.31	3664
7	1	11	RONT36	1002609.44	430630.67	3685
7	1	11	RONT37	1002373.53	430562.39	3680
7	1	11	RONT38	1002495.37	430593.57	3683
7	1	11	RONT39	1002326.44	430612.63	3680
7	1	11	RONT4	1002755.64	430456.33	3690
7	1	11	RONT40	1002146.67	430630.85	3673
7	1	11	RONT41	1002042.95	430733.04	3670
7	1	11	RONT42	1002148.20	429902.70	3690
7	1	11	RONT43	1002396.85	429883.04	3703
7	1	11	RONT44	1002540.08	429864.59	3711
7	1	11	RONT45	1002804.31	429631.35	3713
7	1	11	RONT46	1002597.81	429247.35	3703
7	1	11	RONT47	1002853.90	429569.40	3713
7	1	11	RONT48	1002769.53	429627.56	3718
7	1	11	RONT49	1002017.46	429674.54	3697
7	1	11	RONT5	1002608.14	429842.01	3711
7	1	11	RONT50	1002895.87	429241.81	3703
7	1	11	RONT51	1001777.49	429537.20	3700
7	1	11	RONT52	1002107.54	429431.81	3706
7	1	11	RONT53	1002400.92	429278.01	3714
7	1	11	RONT54	1002769.86	430048.00	3703
7	1	11	RONT55	1002693.21	430158.10	3703
7	1	11	RONT56	1002389.21	429468.80	3706
7	1	11	RONT57	1002579.37	429101.61	3706
7	1	11	RONT58	1003020.27	430178.56	3692
7	1	11	RONT59	1001776.92	429460.69	3700
7	1	11	RONT6	1002561.59	429782.88	3714
7	1	11	RONT60	1001782.22	429390.93	3697
7	1	11	RONT62	1002338.82	429470.62	3706
7	1	11	RONT63	1002846.36	429967.91	3704
7	1	11	RONT64	1002679.12	430104.44	3703
7	1	11	RONT66	1002791.54	429980.66	3704
7	1	11	RONT67	1002681.13	430050.88	3703
7	1	11	RONT68	1002735.79	429975.35	3710
7	1	11	RONT69	1002720.92	430024.15	3710
7	1	11	RONT7	1002697.94	430510.82	3690
7	1	11	RONT8	1002601.14	430469.61	3682
7	1	11	RONT9	1002499.82	429822.87	3710
7	1	12	BPZ LA8	1009566.48	432108.34	3794
7	1	12	COM2	1007140.08	428985.67	3774

Appendix 3.2-A

Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	12	COS1	1007038.97	429035.47	3772
7	1	12	DK211	1007091.85	431592.36	3781
7	1	12	DR301	1008916.85	433038.01	3800
7	1	12	DRA4	1010013.93	432986.73	3836
7	1	12	DRA5	1010065.43	432999.11	3839
7	1	12	DRJ1	1008274.83	433051.60	3842
7	1	12	DRJ5	1007935.12	433055.54	3839
7	1	12	DRS1	1009962.38	433000.21	3836
7	1	12	DS690	1008322.95	433063.46	3832
7	1	12	DS693	1008360.34	433057.79	3832
7	1	12	DTW-1	1007137.06	429034.11	3774
7	1	12	EN91	1010214.02	432089.53	3825
7	1	12	EN94(400)	1008251.76	432603.04	3861
7	1	12	FBS1	1007113.28	431972.73	3787
7	1	12	FBS7	1007079.47	431363.77	3772
7	1	12	IHA1	1009938.45	432829.39	3836
7	1	12	IHA10	1009599.36	432797.54	3814
7	1	12	IHA11	1009569.39	432737.56	3814
7	1	12	IHA12	1008761.44	432008.52	3806
7	1	12	IHA13	1008558.65	432451.30	3842
7	1	12	IHA14	1009355.11	431554.59	3772
7	1	12	IHA15	1010099.13	431726.70	3808
7	1	12	IHA16	1009884.36	432918.30	3831
7	1	12	IHA17	1008844.66	432033.87	3809
7	1	12	IHA18	1008095.42	432384.12	3838
7	1	12	IHA19	1008781.49	432348.42	3830
7	1	12	IHA2	1009986.78	432606.42	3821
7	1	12	IHA20	1008691.14	432413.87	3830
7	1	12	IHA21	1008810.56	431852.64	3793
7	1	12	IHA22	1008849.64	431905.54	3793
7	1	12	IHA23	1008773.32	432294.46	3819
7	1	12	IHA24	1008817.54	432244.20	3825
7	1	12	IHA25	1008830.07	432139.15	3822
7	1	12	IHA26	1008301.65	432496.73	3852
7	1	12	IHA27	1008123.12	432330.57	3838
7	1	12	IHA28	1008814.53	431940.94	3809
7	1	12	IHA29	1009147.30	431748.39	3792
7	1	12	IHA3	1009604.84	432541.62	3808
7	1	12	IHA30	1009283.01	431545.48	3796
7	1	12	IHA31	1008727.42	432366.19	3830
7	1	12	IHA32	1008057.55	432378.18	3838
7	1	12	IHA33	1008045.33	432066.78	3811
7	1	12	IHA34	1007764.42	431829.41	3804

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	12	IHA35	1008154.15	432271.22	3830
7	1	12	IHA36	1008916.85	431819.56	3793
7	1	12	IHA37	1007254.21	431242.90	3773
7	1	12	IHA38	1007251.99	431207.76	3773
7	1	12	IHA39	1007114.91	430941.51	3764
7	1	12	IHA4	1009696.37	432564.14	3823
7	1	12	IHA40	1007198.69	431027.64	3767
7	1	12	IHA41	1007242.98	431062.94	3770
7	1	12	IHA42	1008426.78	432419.74	3841
7	1	12	IHA43	1009406.74	431595.08	3772
7	1	12	IHA44	1009442.84	431519.34	3761
7	1	12	IHA45	1010182.33	431367.30	3793
7	1	12	IHA46	1010300.84	431404.78	3794
7	1	12	IHA47	1010194.94	431230.80	3792
7	1	12	IHA48	1010397.94	431128.38	3781
7	1	12	IHA49	1010081.13	431713.03	3808
7	1	12	IHA5	1009567.36	432569.77	3811
7	1	12	IHA50	1010354.52	431770.90	3819
7	1	12	IHA51	1010110.27	431206.65	3795
7	1	12	IHA52	1010145.20	431162.89	3778
7	1	12	IHA53	1010202.83	431141.73	3779
7	1	12	IHA54	1010307.02	431141.91	3779
7	1	12	IHA55	1010331.91	431080.71	3781
7	1	12	IHA56	1010427.43	431116.33	3781
7	1	12	IHA57	1010052.23	431167.81	3779
7	1	12	IHA58	1010060.48	431221.40	3801
7	1	12	IHA59	1010284.80	431085.92	3779
7	1	12	IHA6	1009624.70	432610.69	3811
7	1	12	IHA60	1010230.02	431410.02	3794
7	1	12	IHA61	1010259.89	431493.49	3796
7	1	12	IHA7	1009528.27	432594.19	3812
7	1	12	IHA8	1009642.98	432413.90	3799
7	1	12	IHA9	1009393.72	432669.23	3808
7	1	12	IHH1	1008222.48	432420.38	3847
7	1	12	IHH2	1008240.85	432482.83	3852
7	1	12	IHJ1	1008845.15	432486.50	3835
7	1	12	IHJ10	1009973.19	432397.81	3813
7	1	12	IHJ100	1010112.15	431462.37	3787
7	1	12	IHJ101	1008709.67	432891.20	3836
7	1	12	IHJ102	1008027.05	432527.89	3842
7	1	12	IHJ103	1007790.09	432703.83	3831
7	1	12	IHJ104	1007967.70	432183.32	3827
7	1	12	IHJ105	1010240.08	431682.61	3817

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	12	IHJ106	1007767.94	432806.52	3827
7	1	12	IHJ107	1007838.65	432919.73	3831
7	1	12	IHJ108	1008106.39	432571.01	3856
7	1	12	IHJ11	1010098.49	431318.88	3793
7	1	12	IHJ12	1010005.73	431367.94	3797
7	1	12	IHJ13	1009828.08	431517.56	3788
7	1	12	IHJ130	1007763.91	432464.94	3834
7	1	12	IHJ14	1009955.22	431417.46	3797
7	1	12	IHJ15	1009608.15	431470.68	3768
7	1	12	IHJ16	1009817.04	432448.74	3805
7	1	12	IHJ17	1009847.59	432504.07	3805
7	1	12	IHJ18	1009987.71	432443.12	3809
7	1	12	IHJ19	1009745.71	431392.82	3808
7	1	12	IHJ2	1008807.97	432532.21	3835
7	1	12	IHJ20	1009866.36	431354.87	3802
7	1	12	IHJ21	1009587.44	431415.36	3802
7	1	12	IHJ22	1009563.57	431352.28	3802
7	1	12	IHJ23	1009506.59	431445.68	3761
7	1	12	IHJ24	1009639.61	432516.92	3808
7	1	12	IHJ25	1009887.14	432794.55	3835
7	1	12	IHJ26	1009934.58	432929.71	3831
7	1	12	IHJ27	1007501.22	431809.18	3798
7	1	12	IHJ28	1007758.81	432339.58	3831
7	1	12	IHJ29	1007573.64	431894.19	3801
7	1	12	IHJ3	1008692.24	432586.27	3841
7	1	12	IHJ31	1008010.38	432261.13	3827
7	1	12	IHJ32	1007678.68	432412.18	3831
7	1	12	IHJ33	1007698.34	432342.73	3831
7	1	12	IHJ34	1007596.63	432414.77	3821
7	1	12	IHJ35	1007666.56	432281.40	3808
7	1	12	IHJ36	1007709.35	432473.79	3834
7	1	12	IHJ37	1008537.09	432527.36	3841
7	1	12	IHJ38	1008496.78	432444.59	3841
7	1	12	IHJ39	1007606.90	432340.18	3821
7	1	12	IHJ4	1008638.32	432645.61	3841
7	1	12	IHJ40	1008574.84	432565.51	3841
7	1	12	IHJ41	1007712.87	432260.37	3823
7	1	12	IHJ42	1007753.36	432510.70	3834
7	1	12	IHJ43	1007641.41	432519.16	3832
7	1	12	IHJ44	1007678.47	432627.05	3831
7	1	12	IHJ45	1007169.34	431140.28	3768
7	1	12	IHJ46	1007633.57	432449.93	3832
7	1	12	IHJ47	1007735.92	432621.83	3831

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	12	IHJ48	1007347.85	429969.53	3754
7	1	12	IHJ49	1007748.22	432571.37	3831
7	1	12	IHJ5	1008398.35	432836.08	3838
7	1	12	IHJ50	1007608.34	432477.66	3832
7	1	12	IHJ51	1007788.88	432618.26	3831
7	1	12	IHJ52	1007295.23	432545.78	3799
7	1	12	IHJ53	1007393.37	432321.15	3800
7	1	12	IHJ54	1007372.51	432609.37	3808
7	1	12	IHJ55	1007801.02	433012.45	3826
7	1	12	IHJ56	1007409.83	432549.48	3803
7	1	12	IHJ57	1007340.68	432321.88	3800
7	1	12	IHJ58	1007487.92	432612.28	3822
7	1	12	IHJ59	1007697.81	433007.92	3826
7	1	12	IHJ6	1008316.92	432934.22	3836
7	1	12	IHJ60	1007327.83	432269.90	3796
7	1	12	IHJ61	1007450.50	432718.97	3824
7	1	12	IHJ62	1007419.31	432256.21	3796
7	1	12	IHJ63	1007350.35	432186.09	3796
7	1	12	IHJ64	1007149.23	432259.42	3781
7	1	12	IHJ65	1007218.94	432215.13	3793
7	1	12	IHJ66	1007147.34	432147.95	3782
7	1	12	IHJ67	1007237.64	432105.30	3790
7	1	12	IHJ68	1009240.40	432571.31	3794
7	1	12	IHJ69	1009409.93	432463.80	3791
7	1	12	IHJ7	1008182.38	433018.31	3842
7	1	12	IHJ70	1009415.68	432378.23	3776
7	1	12	IHJ71	1009201.95	432677.68	3794
7	1	12	IHJ72	1009213.09	432344.52	3777
7	1	12	IHJ73	1009286.39	432511.53	3786
7	1	12	IHJ74	1009529.35	432344.72	3778
7	1	12	IHJ75	1009862.46	432585.46	3823
7	1	12	IHJ76	1009816.53	431354.83	3802
7	1	12	IHJ77	1009852.12	431684.73	3777
7	1	12	IHJ78	1010029.85	431711.30	3786
7	1	12	IHJ79	1009761.49	431461.67	3799
7	1	12	IHJ8	1008429.06	432867.08	3838
7	1	12	IHJ80	1009211.18	431929.68	3790
7	1	12	IHJ81	1009104.32	431808.43	3814
7	1	12	IHJ82	1009810.77	432653.45	3823
7	1	12	IHJ83	1009593.22	432301.30	3780
7	1	12	IHJ84	1009141.73	432108.25	3826
7	1	12	IHJ85	1009545.81	432213.66	3774
7	1	12	IHJ86	1009771.93	431721.36	3770

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	12	IHJ87	1009466.93	432292.76	3774
7	1	12	IHJ88	1010024.93	431444.87	3782
7	1	12	IHJ89	1010291.27	431606.74	3788
7	1	12	IHJ9	1008040.05	432964.39	3839
7	1	12	IHJ90	1009980.44	431469.64	3782
7	1	12	IHJ91	1010346.99	431655.56	3802
7	1	12	IHJ92	1010255.82	431631.87	3788
7	1	12	IHJ93	1009772.71	431598.81	3776
7	1	12	IHJ94	1010322.05	431722.78	3819
7	1	12	IHJ95	1010436.26	431676.14	3802
7	1	12	IHJ96	1010019.50	431535.78	3782
7	1	12	IHJ97	1010285.31	431687.19	3817
7	1	12	IHJ98	1010066.20	431495.90	3787
7	1	12	IHJ99	1009949.52	431105.42	3779
7	1	12	IHK1	1008934.51	432371.29	3835
7	1	12	IHK10	1007154.01	431408.74	3772
7	1	12	IHK11	1007563.26	431764.06	3795
7	1	12	IHK13	1009403.33	431319.97	3768
7	1	12	IHK14	1008862.51	432189.57	3825
7	1	12	IHK15	1009415.87	431439.34	3770
7	1	12	IHK16	1008250.14	432453.51	3852
7	1	12	IHK17	1008241.52	432758.15	3854
7	1	12	IHK18	1007834.20	432121.29	3821
7	1	12	IHK19	1008893.21	432518.41	3835
7	1	12	IHK2	1009449.53	431585.52	3762
7	1	12	IHK20	1009258.41	432578.45	3794
7	1	12	IHK21	1009279.07	432265.30	3783
7	1	12	IHK22	1010691.78	432191.22	3823
7	1	12	IHK23	1008995.81	432221.51	3831
7	1	12	IHK24	1009193.43	431664.03	3784
7	1	12	IHK25	1009139.58	431461.13	3800
7	1	12	IHK26	1008732.31	432084.28	3810
7	1	12	IHK27	1008768.18	432123.88	3810
7	1	12	IHK28	1008737.50	432112.72	3810
7	1	12	IHK29	1008730.86	432049.68	3806
7	1	12	IHK3	1009295.10	431061.76	3779
7	1	12	IHK30	1008701.90	432077.96	3810
7	1	12	IHK31	1008763.75	432091.40	3810
7	1	12	IHK32	1008740.79	432142.08	3810
7	1	12	IHK33	1008701.44	432112.96	3810
7	1	12	IHK44	1008639.50	432511.97	3842
7	1	12	IHK5	1007373.62	430274.16	3760
7	1	12	IHK7	1008421.91	432091.00	3842

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	12	IHK8	1007139.03	431384.01	3772
7	1	12	IHK9	1007127.15	431549.30	3775
7	1	12	IHM1	1008797.63	432122.92	3810
7	1	12	IHM10	1008673.18	432078.87	3813
7	1	12	IHM100	1007048.75	429395.55	3759
7	1	12	IHM101	1007364.68	429923.26	3754
7	1	12	IHM102	1007407.54	430050.98	3754
7	1	12	IHM103	1007280.46	430256.70	3755
7	1	12	IHM104	1007205.80	429057.37	3772
7	1	12	IHM105	1007106.64	429111.88	3772
7	1	12	IHM106	1007097.58	429184.29	3760
7	1	12	IHM107	1010116.18	432571.74	3831
7	1	12	IHM108	1009995.83	432265.78	3802
7	1	12	IHM109	1010048.99	432284.68	3802
7	1	12	IHM110	1010114.62	432297.00	3802
7	1	12	IHM111	1008909.02	432075.71	3822
7	1	12	IHM113	1008899.37	432131.28	3822
7	1	12	IHM114	1008642.51	432082.22	3813
7	1	12	IHM115	1008112.99	432227.16	3830
7	1	12	IHM116	1008617.55	432133.79	3813
7	1	12	IHM118	1008153.60	432087.46	3823
7	1	12	IHM119	1007442.47	431407.62	3783
7	1	12	IHM12	1008671.73	432017.28	3814
7	1	12	IHM12	1008490.55	431978.95	3835
7	1	12	IHM120	1007410.90	431501.99	3782
7	1	12	IHM121	1007563.22	431728.50	3795
7	1	12	IHM122	1008072.55	432128.17	3823
7	1	12	IHM123	1008112.03	432227.19	3830
7	1	12	IHM124	1008149.95	432484.82	3844
7	1	12	IHM125	1008134.27	432366.12	3838
7	1	12	IHM126	1008002.40	432038.98	3812
7	1	12	IHM127	1007974.24	431855.37	3807
7	1	12	IHM128	1007909.56	431842.66	3805
7	1	12	IHM129	1007811.10	431909.38	3805
7	1	12	IHM13	1008639.52	432052.02	3814
7	1	12	IHM130	1007928.56	431952.25	3812
7	1	12	IHM131	1008406.64	432373.77	3841
7	1	12	IHM132	1008727.85	432320.76	3830
7	1	12	IHM133	1008888.01	431771.39	3803
7	1	12	IHM134	1008809.79	431762.57	3803
7	1	12	IHM135	1007245.33	431728.05	3788
7	1	12	IHM136	1007344.27	431586.87	3787
7	1	12	IHM137	1009449.77	432630.09	3812

Appendix 3.2-A

Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	12	IHM138	1009189.83	431690.54	3780
7	1	12	IHM139	1009169.11	432255.99	3812
7	1	12	IHM14	1008758.32	432049.48	3806
7	1	12	IHM140	1007132.08	431489.29	3775
7	1	12	IHM141	1009233.17	432458.23	3786
7	1	12	IHM142	1009317.11	432424.52	3776
7	1	12	IHM143	1009333.28	432525.92	3791
7	1	12	IHM144	1009561.63	432662.61	3811
7	1	12	IHM146	1007532.99	432763.28	3824
7	1	12	IHM15	1008644.00	432012.33	3814
7	1	12	IHM16	1009159.01	431667.99	3783
7	1	12	IHM17	1009181.36	431693.84	3792
7	1	12	IHM17	1008937.88	432103.55	3820
7	1	12	IHM18	1009229.97	431644.18	3784
7	1	12	IHM19	1009157.95	431592.86	3783
7	1	12	IHM2	1008800.66	432089.96	3810
7	1	12	IHM20	1009011.20	431578.49	3801
7	1	12	IHM21	1008965.74	431792.44	3789
7	1	12	IHM22	1008874.64	431856.38	3793
7	1	12	IHM23	1008816.70	431927.67	3809
7	1	12	IHM24	1008891.60	431546.16	3802
7	1	12	IHM25	1008835.21	432095.11	3822
7	1	12	IHM26	1008822.45	432130.99	3822
7	1	12	IHM27	1008819.86	432160.27	3822
7	1	12	IHM28	1008849.00	432152.67	3822
7	1	12	IHM29	1008857.87	432116.45	3822
7	1	12	IHM3	1008768.80	432148.01	3810
7	1	12	IHM30	1008874.24	432141.21	3822
7	1	12	IHM31	1009019.65	432266.37	3831
7	1	12	IHM32	1009155.80	432054.98	3826
7	1	12	IHM33	1008648.25	432698.98	3839
7	1	12	IHM34	1009358.91	431940.37	3786
7	1	12	IHM35	1008395.17	432757.69	3841
7	1	12	IHM36	1008599.98	432701.11	3839
7	1	12	IHM37	1008551.63	432702.64	3838
7	1	12	IHM38	1008907.31	432111.95	3822
7	1	12	IHM39	1008904.74	432138.06	3822
7	1	12	IHM4	1008793.13	432149.45	3810
7	1	12	IHM40	1008912.29	432164.56	3822
7	1	12	IHM41	1008958.86	432159.86	3820
7	1	12	IHM42	1009074.84	432153.21	3826
7	1	12	IHM43	1009064.08	432185.00	3812
7	1	12	IHM44	1008881.67	432170.56	3822

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	12	IHM45	1008911.07	432195.93	3825
7	1	12	IHM45	1009711.84	432660.21	3823
7	1	12	IHM47	1009214.17	432127.07	3784
7	1	12	IHM48	1009206.85	432168.56	3784
7	1	12	IHM49	1009188.60	432208.00	3783
7	1	12	IHM5	1008770.55	432175.11	3810
7	1	12	IHM50	1009175.48	432233.55	3812
7	1	12	IHM51	1009166.95	432254.57	3812
7	1	12	IHM52	1009183.91	432221.53	3783
7	1	12	IHM53	1009308.32	432219.89	3783
7	1	12	IHM54	1009315.94	432162.63	3773
7	1	12	IHM55	1009319.63	431786.80	3782
7	1	12	IHM56	1008906.81	432436.51	3835
7	1	12	IHM57	1009644.12	431675.01	3769
7	1	12	IHM58	1009309.48	432246.16	3772
7	1	12	IHM59	1009276.37	432192.44	3783
7	1	12	IHM6	1008736.55	432171.26	3810
7	1	12	IHM60	1009312.67	432187.73	3772
7	1	12	IHM61	1009312.24	432279.71	3772
7	1	12	IHM62	1009359.02	432246.46	3772
7	1	12	IHM63	1009366.22	432275.35	3772
7	1	12	IHM64	1009364.41	432302.51	3772
7	1	12	IHM65	1009497.38	432292.26	3774
7	1	12	IHM66	1009280.54	432156.96	3784
7	1	12	IHM68	1009273.78	432222.68	3783
7	1	12	IHM69	1009079.63	432214.52	3812
7	1	12	IHM7	1008705.72	432171.94	3810
7	1	12	IHM70	1008918.17	432404.12	3834
7	1	12	IHM71	1009030.22	432333.34	3835
7	1	12	IHM72	1008605.39	431982.38	3814
7	1	12	IHM73	1008592.47	432016.51	3814
7	1	12	IHM74	1008597.78	432046.12	3814
7	1	12	IHM75	1008665.88	431918.23	3818
7	1	12	IHM76	1008456.80	431984.47	3835
7	1	12	IHM77	1008449.56	432012.94	3835
7	1	12	IHM78	1008487.57	431935.94	3835
7	1	12	IHM79	1008467.36	431958.51	3835
7	1	12	IHM8	1008703.16	432053.40	3810
7	1	12	IHM80	1008341.26	431977.40	3822
7	1	12	IHM81	1008581.50	432730.68	3839
7	1	12	IHM82	1007034.62	429785.37	3741
7	1	12	IHM83	1007078.21	429889.07	3743
7	1	12	IHM84	1007137.92	429948.67	3752

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	12	IHM84b	1007158.15	429930.07	3752
7	1	12	IHM85	1007173.79	429838.36	3743
7	1	12	IHM86	1007272.18	429917.06	3753
7	1	12	IHM87	1007296.56	430023.54	3752
7	1	12	IHM88	1007354.43	430132.89	3754
7	1	12	IHM89	1007373.60	430184.36	3760
7	1	12	IHM9	1008674.90	432048.30	3814
7	1	12	IHM90	1007107.99	429811.66	3743
7	1	12	IHM91	1007020.10	429733.14	3741
7	1	12	IHM92	1006989.66	429088.13	3772
7	1	12	IHM93	1007074.87	429083.90	3772
7	1	12	IHM94	1007150.84	429081.34	3772
7	1	12	IHM95	1007163.76	429159.01	3772
7	1	12	IHM96	1007133.88	429229.61	3760
7	1	12	IHM97	1007084.76	429158.68	3772
7	1	12	IHM98	1007073.35	429238.67	3760
7	1	12	IHM99	1007102.99	429313.02	3757
7	1	12	IHR1	1009036.57	432154.30	3820
7	1	12	IHR10	1008738.36	432437.98	3833
7	1	12	IHR100	1008803.04	432085.84	3810
7	1	12	IHR101	1009080.50	432151.96	3826
7	1	12	IHR102	1008764.59	432237.01	3819
7	1	12	IHR103	1008494.46	432338.41	3832
7	1	12	IHR104	1008343.71	432438.87	3840
7	1	12	IHR105	1008830.64	431968.16	3809
7	1	12	IHR106	1009144.69	432063.61	3826
7	1	12	IHR107	1009042.65	432218.22	3831
7	1	12	IHR108	1008152.71	432271.27	3830
7	1	12	IHR109	1009492.86	432689.75	3804
7	1	12	IHR11	1008649.82	432409.19	3832
7	1	12	IHR110	1009432.68	432717.40	3793
7	1	12	IHR111	1008246.27	432050.54	3821
7	1	12	IHR112	1009436.90	432778.31	3804
7	1	12	IHR113	1009523.05	432786.68	3804
7	1	12	IHR114	1009341.69	432929.37	3791
7	1	12	IHR115	1008206.83	432098.10	3830
7	1	12	IHR116	1009288.77	432915.73	3794
7	1	12	IHR117	1009442.76	432982.19	3799
7	1	12	IHR12	1008551.28	432407.42	3832
7	1	12	IHR13	1008457.09	432402.36	3832
7	1	12	IHR14	1008535.01	432303.65	3829
7	1	12	IHR15	1008968.90	432026.40	3802
7	1	12	IHR16	1009021.93	431943.37	3802

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	12	IHR17	1009085.17	431858.59	3814
7	1	12	IHR18	1009137.31	431771.25	3792
7	1	12	IHR19	1009267.20	431933.53	3790
7	1	12	IHR2	1008985.14	432193.95	3831
7	1	12	IHR 20	1009367.10	431857.22	3783
7	1	12	IHR21	1009410.41	431671.36	3772
7	1	12	IHR22	1009013.97	432192.91	3831
7	1	12	IHR24	1009502.54	431921.23	3774
7	1	12	IHR 25	1009499.54	431811.86	3774
7	1	12	IHR26	1010093.07	431725.65	3808
7	1	12	IHR27	1010081.56	431842.69	3810
7	1	12	IHR28	1010047.10	431992.33	3823
7	1	12	IHR29	1009804.33	431895.70	3795
7	1	12	IHR3	1008961.85	432213.25	3831
7	1	12	IHR30	1009770.39	431753.36	3770
7	1	12	IHR31	1010401.11	431840.52	3825
7	1	12	IHR32	1010348.45	431697.60	3819
7	1	12	IHR33	1010309.20	431621.51	3788
7	1	12	IHR34	1010561.14	431688.67	3821
7	1	12	IHR35	1010506.66	431474.15	3796
7	1	12	IHR36	1010307.59	431467.02	3796
7	1	12	IHR37	1010073.04	431544.31	3787
7	1	12	IHR37	1008886.18	432483.49	3835
7	1	12	IHR38	1009876.12	431531.49	3788
7	1	12	IHR39	1008571.80	432534.45	3842
7	1	12	IHR4	1009026.61	432115.36	3820
7	1	12	IHR40	1008581.50	432504.14	3842
7	1	12	IHR41	1008608.56	432521.11	3842
7	1	12	IHR42	1008552.15	432535.18	3841
7	1	12	IHR43	1008608.05	432493.76	3842
7	1	12	IHR45	1008615.42	432562.66	3841
7	1	12	IHR46	1009005.56	432172.42	3820
7	1	12	IHR46	1008552.83	432565.01	3843
7	1	12	IHR47	1008591.00	432547.09	3842
7	1	12	IHR48	1008520.04	432542.14	3841
7	1	12	IHR49	1008377.08	432589.52	3854
7	1	12	IHR5	1008938.75	432229.89	3831
7	1	12	IHR50	1008704.65	432496.89	3833
7	1	12	IHR51	1008757.27	432492.90	3833
7	1	12	IHR52	1008691.75	432564.91	3841
7	1	12	IHR53	1008746.03	431787.61	3811
7	1	12	IHR54	1008824.21	431659.50	3807
7	1	12	IHR55	1009024.46	432238.66	3831

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	12	IHR56	1009072.11	432237.35	3812
7	1	12	IHR57	1009049.78	432292.53	3831
7	1	12	IHR58	1009040.53	432311.42	3835
7	1	12	IHR59	1008973.54	432248.45	3831
7	1	12	IHR6	1008837.51	432451.61	3835
7	1	12	IHR60	1008948.65	432273.49	3831
7	1	12	IHR61	1009104.73	432184.97	3812
7	1	12	IHR62	1009096.11	432289.47	3812
7	1	12	IHR63	1009128.68	432257.67	3812
7	1	12	IHR64	1009140.82	432230.66	3812
7	1	12	IHR65	1009157.63	432194.44	3812
7	1	12	IHR66	1009169.62	432165.76	3826
7	1	12	IHR67	1009179.67	432139.51	3826
7	1	12	IHR68	1009052.56	432216.48	3831
7	1	12	IHR69	1009059.40	432265.71	3812
7	1	12	IHR7	1008721.74	432571.44	3841
7	1	12	IHR71	1009248.05	431663.62	3784
7	1	12	IHR72	1009272.41	432083.46	3784
7	1	12	IHR73	1008920.61	432474.13	3835
7	1	12	IHR74	1008962.33	432434.33	3830
7	1	12	IHR75	1008949.30	431715.94	3789
7	1	12	IHR76	1008955.35	432374.76	3835
7	1	12	IHR77	1008850.15	432407.31	3834
7	1	12	IHR78	1008806.34	432469.35	3833
7	1	12	IHR79	1008747.80	432533.88	3833
7	1	12	IHR8	1008448.59	432780.33	3838
7	1	12	IHR80	1008754.73	432867.78	3836
7	1	12	IHR81	1008939.29	431814.73	3813
7	1	12	IHR82	1008892.10	432367.72	3834
7	1	12	IHR83	1008946.57	432132.03	3820
7	1	12	IHR84	1008991.98	432138.97	3820
7	1	12	IHR85	1008943.38	432186.35	3831
7	1	12	IHR86	1008814.33	432426.76	3834
7	1	12	IHR88	1008973.42	432406.85	3835
7	1	12	IHR89	1008677.04	432551.87	3842
7	1	12	IHR9	1008486.82	432796.64	3838
7	1	12	IHR90	1008637.37	432550.12	3842
7	1	12	IHR91	1008850.03	432364.92	3834
7	1	12	IHR92	1008496.98	431902.20	3830
7	1	12	IHR93	1008465.03	431879.83	3830
7	1	12	IHR94	1008386.34	431923.22	3830
7	1	12	IHR95	1008373.87	431983.57	3822
7	1	12	IHR96	1008587.73	432045.37	3814

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	12	IHR97	1008557.43	432137.60	3813
7	1	12	IHR98	1008580.74	432018.83	3814
7	1	12	IHR99	1008648.82	431978.59	3814
7	1	12	IHS10	1008284.60	433029.76	3842
7	1	12	IHS13	1006975.11	429079.27	3772
7	1	12	IHS16	1008157.58	432427.87	3838
7	1	12	IHS17	1008037.67	432433.39	3842
7	1	12	IHS18	1007168.98	431663.07	3781
7	1	12	IHS19	1007192.84	431756.31	3788
7	1	12	IHS2	1008506.61	432819.28	3834
7	1	12	IHS20	1007175.27	431866.96	3794
7	1	12	IHS21	1007128.33	431322.33	3772
7	1	12	IHS22	1007184.73	431403.90	3774
7	1	12	IHS23	1007237.75	431354.68	3774
7	1	12	IHS24	1007299.34	431318.61	3774
7	1	12	IHS25	1007116.96	431430.38	3775
7	1	12	IHS26	1007092.23	430905.48	3764
7	1	12	IHS27	1007166.72	430975.65	3764
7	1	12	IHS28	1007234.11	431012.30	3767
7	1	12	IHS29	1007252.96	431167.47	3770
7	1	12	IHS3	1008320.21	432947.79	3836
7	1	12	IHS30	1007396.10	431345.49	3779
7	1	12	IHS31	1007396.09	431443.36	3782
7	1	12	IHS32	1007458.63	431528.79	3786
7	1	12	IHS33	1007523.33	431373.73	3783
7	1	12	IHS34	1010911.57	431200.85	3829
7	1	12	IHS35	1007104.82	430205.20	3755
7	1	12	IHS36	1007184.69	431948.46	3793
7	1	12	IHS37	1007278.78	431981.21	3793
7	1	12	IHS38	1007361.36	432032.98	3796
7	1	12	IHS39	1007151.36	430143.64	3754
7	1	12	IHS4	1008358.36	432964.35	3836
7	1	12	IHS40	1007018.81	429246.28	3773
7	1	12	IHS41	1007222.37	429902.78	3753
7	1	12	IHS42	1007097.43	430141.19	3754
7	1	12	IHS43	1010541.77	431342.39	3800
7	1	12	IHS44	1010325.86	431207.39	3795
7	1	12	IHS45	1010486.17	431674.58	3806
7	1	12	IHS46	1010504.63	431783.14	3821
7	1	12	IHS47	1010479.86	431906.34	3830
7	1	12	IHS48	1010406.59	431809.63	3825
7	1	12	IHS49	1010857.20	431955.77	3848
7	1	12	IHS5	1008260.56	432938.20	3842

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	12	IHS50	1010815.62	432029.94	3841
7	1	12	IHS51	1010726.04	432096.54	3834
7	1	12	IHS52	1010598.02	431679.93	3831
7	1	12	IHS53	1010685.60	431822.13	3835
7	1	12	IHS54	1010766.34	431995.24	3841
7	1	12	IHS55	1010797.32	431863.99	3840
7	1	12	IHS56	1010612.78	432014.36	3839
7	1	12	IHS57	1010379.50	431721.65	3819
7	1	12	IHS58	1010317.98	431817.37	3825
7	1	12	IHS59	1010148.75	431908.06	3810
7	1	12	IHS6	1008387.03	432961.10	3836
7	1	12	IHS60	1010565.04	432303.54	3821
7	1	12	IHS61	1010291.64	431915.97	3822
7	1	12	IHS62	1010949.85	432076.64	3848
7	1	12	IHS63	1010145.00	431780.71	3808
7	1	12	IHS64	1009809.34	431967.98	3802
7	1	12	IHS65	1010007.31	432012.88	3823
7	1	12	IHS66	1009664.76	432166.44	3794
7	1	12	IHS67	1009787.00	432187.97	3789
7	1	12	IHS68	1009748.53	432230.51	3789
7	1	12	IHS69	1009850.18	432202.99	3794
7	1	12	IHS7	1008085.24	432947.64	3843
7	1	12	IHS70	1009923.88	432225.97	3794
7	1	12	IHS71	1009814.32	432267.82	3794
7	1	12	IHS72	1009846.60	432075.66	3811
7	1	12	IHS73	1009917.99	432326.52	3793
7	1	12	IHS74	1009858.50	432432.74	3805
7	1	12	IHS75	1009938.02	431953.58	3823
7	1	12	IHS76	1010230.28	431776.96	3817
7	1	12	IHS77	1009938.34	432112.19	3815
7	1	12	IHS78	1009960.28	432518.85	3809
7	1	12	IHS79	1010052.49	432461.67	3809
7	1	12	IHS8	1007895.47	432991.46	3832
7	1	12	IHS80-A	1010061.12	432340.94	3813
7	1	12	IHS81	1010444.11	431736.55	3821
7	1	12	IHS82	1010338.50	431457.75	3792
7	1	12	IHS83	1010302.00	431341.71	3794
7	1	12	IHS84	1010573.62	431411.02	3803
7	1	12	IHS85	1009716.36	431429.25	3799
7	1	12	IHS86	1010120.71	431425.51	3787
7	1	12	IHS87	1010217.15	432403.57	3814
7	1	12	IHS88	1010162.46	432644.79	3831
7	1	12	IHS89	1010019.04	431862.26	3815

Appendix 3.2-A

Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	12	IHS9	1008343.35	433005.18	3836
7	1	12	IHS90	1010052.00	432592.30	3821
7	1	12	IHS91	1010125.64	432524.31	3819
7	1	12	IHS92	1009906.87	432726.80	3835
7	1	12	IHS93	1009783.44	432753.09	3823
7	1	12	IHS94	1009845.45	432866.48	3831
7	1	12	IHS95	1010000.53	432814.93	3836
7	1	12	IHT1	1007572.61	431683.32	3795
7	1	12	IHT10	1008235.70	432377.67	3847
7	1	12	IHT100	1008717.01	431779.71	3811
7	1	12	IHT101	1008618.40	431958.48	3814
7	1	12	IHT102	1010107.63	432427.84	3803
7	1	12	IHT103	1008668.13	432029.09	3814
7	1	12	IHT104	1008745.70	432066.86	3810
7	1	12	IHT105	1008863.49	432074.53	3822
7	1	12	IHT106	1008805.44	432195.06	3819
7	1	12	IHT107	1008966.94	432290.06	3831
7	1	12	IHT108	1008837.29	432345.77	3834
7	1	12	IHT109	1008742.52	432405.73	3830
7	1	12	IHT11	1009121.15	431604.54	3783
7	1	12	IHT110	1008606.89	432408.72	3832
7	1	12	IHT111	1010567.74	431405.88	3803
7	1	12	IHT112	1008692.43	432311.48	3830
7	1	12	IHT113	1008885.31	431691.12	3803
7	1	12	IHT114	1009947.37	431770.39	3786
7	1	12	IHT115	1008628.34	432486.33	3842
7	1	12	IHT116	1010495.66	431612.91	3806
7	1	12	IHT118	1010359.08	431426.06	3792
7	1	12	IHT119	1010073.33	431282.81	3795
7	1	12	IHT12	1008295.97	432438.20	3852
7	1	12	IHT121	1008322.11	432556.09	3854
7	1	12	IHT122	1008237.67	432509.03	3852
7	1	12	IHT123	1008065.48	432456.15	3844
7	1	12	IHT124	1007969.37	432497.35	3842
7	1	12	IHT126	1007944.95	432388.93	3831
7	1	12	IHT129	1009885.88	432199.28	3794
7	1	12	IHT13	1009058.36	431819.29	3814
7	1	12	IHT131	1009892.37	431943.12	3812
7	1	12	IHT132	1010037.87	432898.92	3836
7	1	12	IHT133	1009972.22	432701.51	3837
7	1	12	IHT134	1010112.93	432368.77	3803
7	1	12	IHT135	1010001.84	432320.66	3813
7	1	12	IHT136	1010165.59	432477.05	3819

Appendix 3.2-A

Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	12	IHT137	1009919.49	432440.92	3805
7	1	12	IHT138	1009951.54	431858.44	3815
7	1	12	IHT139	1009895.27	432136.72	3811
7	1	12	IHT14	1008480.34	432393.62	3832
7	1	12	IHT14	1007855.90	431829.83	3805
7	1	12	IHT141	1009841.36	432349.92	3793
7	1	12	IHT142	1009712.92	432436.19	3801
7	1	12	IHT143	1009734.34	432397.71	3801
7	1	12	IHT144	1009653.26	432471.66	3808
7	1	12	IHT145	1010522.64	431445.62	3796
7	1	12	IHT146	1007019.36	429139.60	3772
7	1	12	IHT147	1007294.42	429957.34	3752
7	1	12	IHT148	1007055.69	429850.57	3743
7	1	12	IHT149	1007026.25	429341.90	3759
7	1	12	IHT15	1008916.10	431896.34	3793
7	1	12	IHT150	1007048.08	429195.72	3773
7	1	12	IHT151	1007042.68	429438.41	3751
7	1	12	IHT152	1010401.13	431405.97	3797
7	1	12	IHT-153	1010248.51	431224.99	3792
7	1	12	IHT154	1009904.61	432168.13	3811
7	1	12	IHT155	1007228.24	431970.58	3793
7	1	12	IHT156	1007342.86	431925.84	3796
7	1	12	IHT157	1007331.40	431870.79	3796
7	1	12	IHT158	1007276.73	431858.68	3794
7	1	12	IHT159	1007811.54	431963.74	3810
7	1	12	IHT16	1008448.61	432342.01	3832
7	1	12	IHT160	1007316.00	431816.41	3796
7	1	12	IHT161	1007389.80	431862.89	3796
7	1	12	IHT162	1007376.39	431808.93	3796
7	1	12	IHT163	1007323.04	431759.33	3792
7	1	12	IHT164	1007381.59	431747.64	3792
7	1	12	IHT165	1007356.36	431694.10	3792
7	1	12	IHT166	1008446.12	432615.91	3843
7	1	12	IHT167	1007410.18	431688.95	3792
7	1	12	IHT168	1007814.10	432435.43	3839
7	1	12	IHT169	1007824.92	432329.53	3831
7	1	12	IHT17	1009224.24	431486.02	3796
7	1	12	IHT17	1008768.10	431935.39	3806
7	1	12	IHT170	1007441.49	431752.22	3793
7	1	12	IHT171	1008369.13	432625.27	3854
7	1	12	IHT172	1007455.14	431864.80	3798
7	1	12	IHT173	1008516.90	432577.16	3843
7	1	12	IHT174	1007785.76	432271.62	3823

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	12	IHT175	1007437.69	431810.21	3798
7	1	12	IHT176	1007774.20	432387.50	3831
7	1	12	IHT177	1007727.15	432413.51	3831
7	1	12	IHT179	1007691.94	432053.03	3820
7	1	12	IHT18	1008334.75	432351.19	3841
7	1	12	IHT180	1007636.13	432096.24	3804
7	1	12	IHT181	1007514.03	432092.57	3799
7	1	12	IHT182	1007592.79	432176.41	3804
7	1	12	IHT183	1007453.65	432097.10	3799
7	1	12	IHT184	1007503.77	432151.01	3799
7	1	12	IHT185	1007652.53	432171.39	3804
7	1	12	IHT186	1007707.92	432136.20	3820
7	1	12	IHT187	1007616.49	432236.16	3808
7	1	12	IHT188	1007414.21	432065.51	3795
7	1	12	IHT189	1007522.67	431937.55	3798
7	1	12	IHT19	1008857.44	431789.95	3803
7	1	12	IHT190	1007559.52	432064.37	3804
7	1	12	IHT191	1007658.47	432227.54	3808
7	1	12	IHT192	1007452.49	432173.98	3799
7	1	12	IHT193	1007735.58	432304.45	3831
7	1	12	IHT194	1007476.91	432223.66	3801
7	1	12	IHT195	1007403.45	429980.35	3754
7	1	12	IHT197	1007540.15	432484.17	3817
7	1	12	IHT198	1007825.71	432589.39	3840
7	1	12	IHT199	1007116.35	431280.26	3771
7	1	12	IHT2	1007636.91	431760.47	3795
7	1	12	IHT20	1008381.95	432253.77	3844
7	1	12	IHT20	1008412.70	432464.77	3840
7	1	12	IHT200	1007048.97	430128.26	3753
7	1	12	IHT201	1007197.00	432427.23	3796
7	1	12	IHT202	1007868.04	432689.58	3834
7	1	12	IHT203	1007159.01	432524.90	3792
7	1	12	IHT204	1007815.83	432789.98	3834
7	1	12	IHT205	1007483.87	432457.32	3817
7	1	12	IHT206	1007455.56	432392.44	3811
7	1	12	IHT207	1007216.42	432719.07	3803
7	1	12	IHT208	1007540.14	432395.25	3811
7	1	12	IHT209	1007797.01	432890.00	3827
7	1	12	IHT21	1008938.68	431692.18	3789
7	1	12	IHT210	1007212.61	432604.72	3803
7	1	12	IHT211	1007483.70	432341.22	3811
7	1	12	IHT212	1007442.31	432306.40	3811
7	1	12	IHT213	1007294.65	432655.35	3803

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	12	IHT214	1007898.08	432938.80	3832
7	1	12	IHT215	1007262.50	432324.17	3796
7	1	12	IHT216	1007327.83	432718.00	3811
7	1	12	IHT217	1007727.54	432820.12	3827
7	1	12	IHT218	1007253.69	432766.43	3803
7	1	12	IHT22	1008827.61	431689.03	3803
7	1	12	IHT23	1008432.30	432162.55	3829
7	1	12	IHT24	1008721.23	431838.59	3808
7	1	12	IHT25	1008477.14	432033.75	3835
7	1	12	IHT25	1007961.62	432613.06	3850
7	1	12	IHT26	1009333.69	431625.76	3772
7	1	12	IHT27	1008291.84	432104.40	3830
7	1	12	IHT27	1007927.26	432293.20	3828
7	1	12	IHT28	1010250.13	431264.96	3792
7	1	12	IHT28	1007995.82	431986.14	3812
7	1	12	IHT29	1008050.50	432106.06	3811
7	1	12	IHT30	1007544.19	431575.45	3790
7	1	12	IHT30	1009961.34	432861.48	3836
7	1	12	IHT31	1007407.55	431381.75	3779
7	1	12	IHT32	1008139.42	432201.22	3830
7	1	12	IHT32	1007939.47	432022.79	3812
7	1	12	IHT33	1007631.60	431682.35	3795
7	1	12	IHT34	1007493.43	431496.78	3786
7	1	12	IHT35	1007238.58	431119.31	3770
7	1	12	IHT36	1007693.23	431640.65	3793
7	1	12	IHT37	1009791.91	431403.36	3808
7	1	12	IHT37	1009700.86	431344.65	3808
7	1	12	IHT38	1007551.55	431502.03	3789
7	1	12	IHT40	1009910.29	431290.89	3799
7	1	12	IHT40	1009809.16	432410.62	3801
7	1	12	IHT41	1010000.63	431317.21	3797
7	1	12	IHT42	1010009.83	431431.80	3782
7	1	12	IHT43	1010185.78	431304.54	3793
7	1	12	IHT44	1010281.33	431213.67	3792
7	1	12	IHT45	1010416.84	431222.66	3795
7	1	12	IHT46	1010524.11	431091.29	3791
7	1	12	IHT47	1010517.85	431283.40	3798
7	1	12	IHT48	1010438.50	431331.18	3797
7	1	12	IHT49	1010507.58	431454.15	3796
7	1	12	IHT5	1007986.66	432091.72	3811
7	1	12	IHT50	1010370.96	431297.99	3795
7	1	12	IHT51	1010556.22	431609.25	3806
7	1	12	IHT52	1010660.35	431666.75	3825

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	12	IHT53	1010761.26	431630.93	3828
7	1	12	IHT54	1010568.55	431720.16	3831
7	1	12	IHT55	1010450.53	431489.12	3796
7	1	12	IHT56	1010680.72	431773.25	3831
7	1	12	IHT57	1010337.03	431249.30	3795
7	1	12	IHT58	1010747.29	431847.28	3840
7	1	12	IHT59	1010205.44	431260.07	3792
7	1	12	IHT6	1008068.86	432167.40	3823
7	1	12	IHT60	1010856.62	431893.66	3842
7	1	12	IHT61	1010627.65	431849.63	3835
7	1	12	IHT62	1010580.67	431927.27	3835
7	1	12	IHT63	1010698.42	431935.50	3841
7	1	12	IHT64	1010462.47	431578.62	3806
7	1	12	IHT65	1010427.70	431422.01	3797
7	1	12	IHT66	1010236.27	431192.44	3792
7	1	12	IHT67	1010375.80	431365.20	3797
7	1	12	IHT68	1010120.70	431278.12	3795
7	1	12	IHT69	1009901.44	431454.62	3788
7	1	12	IHT7	1009472.42	431480.67	3761
7	1	12	IHT70	1008910.39	431555.78	3807
7	1	12	IHT70	1009668.73	431561.32	3769
7	1	12	IHT71	1009568.08	431376.95	3802
7	1	12	IHT72	1010290.53	431290.36	3792
7	1	12	IHT73	1010513.42	431391.83	3800
7	1	12	IHT74	1010419.55	431625.26	3802
7	1	12	IHT75	1007369.95	431327.25	3779
7	1	12	IHT76	1007430.16	431456.08	3786
7	1	12	IHT77	1007589.86	431626.34	3792
7	1	12	IHT78	1007306.11	431260.20	3772
7	1	12	IHT78	1007605.19	432003.87	3804
7	1	12	IHT79	1007679.75	431755.66	3801
7	1	12	IHT8	1008117.98	432258.46	3830
7	1	12	IHT80	1007212.00	431162.29	3770
7	1	12	IHT81	1007300.51	431135.68	3773
7	1	12	IHT82	1008102.58	432047.22	3822
7	1	12	IHT83	1007736.65	431853.21	3804
7	1	12	IHT84	1007928.43	431885.26	3807
7	1	12	IHT85	1007505.72	431581.60	3790
7	1	12	IHT86	1007601.71	431578.39	3792
7	1	12	IHT87	1009871.26	431869.16	3807
7	1	12	IHT88	1009370.57	431478.58	3770
7	1	12	IHT89	1007683.36	431638.86	3793
7	1	12	IHT9	1009239.56	431536.68	3796

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	12	IHT90	1009388.43	431510.87	3770
7	1	12	IHT91	1007441.00	431587.29	3790
7	1	12	IHT92	1009124.34	431669.62	3783
7	1	12	IHT93	1009244.32	431650.93	3784
7	1	12	IHT94	1009307.87	431685.51	3780
7	1	12	IHT95	1010008.61	432554.73	3809
7	1	12	IHT96	1008743.45	431882.47	3808
7	1	12	IHT196	1007796.75	432545.93	3834
7	1	12	IHT97	1009946.19	432774.31	3837
7	1	12	IHT98	1008787.30	431805.97	3808
7	1	12	IHT99	1009986.65	432924.73	3836
7	1	12	IHW1	1007004.96	429459.14	3751
7	1	12	IHW10	1007348.27	431376.95	3779
7	1	12	IHW11	1007518.21	431632.44	3790
7	1	12	IHW12	1007625.88	431809.36	3801
7	1	12	IHW13	1007704.71	431810.84	3804
7	1	12	IHW14	1007756.38	431898.41	3804
7	1	12	IHW15	1007847.08	431906.52	3805
7	1	12	IHW16	1007955.01	431917.71	3807
7	1	12	IHW17	1008115.40	432258.57	3830
7	1	12	IHW18	1008152.45	432116.70	3823
7	1	12	IHW19	1007803.50	431860.67	3805
7	1	12	IHW2	1006992.67	429396.74	3759
7	1	12	IHW3	1007000.93	429301.89	3759
7	1	12	IHW4	1007138.35	429880.27	3743
7	1	12	IHW5	1007117.48	431007.28	3764
7	1	12	IHW6	1007181.70	431078.40	3770
7	1	12	IHW7	1007288.08	431216.56	3773
7	1	12	IHW8	1007355.08	431277.29	3772
7	1	12	IHW9	1007467.66	431425.07	3783
7	1	12	Q+186.4	1008646.21	432836.50	3834
7	1	14	PM191	1003351.63	426245.53	3630
7	1	1	C	1008854.20	437700.12	3924
7	1	1	D	1008841.23	437403.56	3922
7	1	1	DK158	1009743.22	435097.01	3882
7	1	1	DK163	1010498.16	435040.77	3908
7	1	1	DK164	1010523.89	434947.01	3908
7	1	1	DK165	1010552.42	434851.55	3901
7	1	1	DK166	1010262.88	435030.61	3904
7	1	1	DK167	1010651.87	434982.21	3913
7	1	1	DK168	1010683.03	435042.47	3913
7	1	1	DK169	1010216.18	434898.53	3904
7	1	1	DK173	1009757.18	435199.12	3879

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	1	DK175	1010328.06	434868.31	3901
7	1	1	DK177	1010939.92	435107.72	3922
7	1	1	DK178	1010937.25	435122.85	3922
7	1	1	DK179	1010931.84	435133.28	3922
7	1	1	DK180	1010919.56	435127.18	3922
7	1	1	DK181	1010882.63	435138.23	3922
7	1	1	DK182	1010878.66	435117.55	3922
7	1	1	DK183	1010416.80	434938.17	3901
7	1	1	DK185	1010845.42	435138.94	3922
7	1	1	DK186	1010844.26	435052.05	3911
7	1	1	DK188	1009931.30	434703.14	3882
7	1	1	DK190	1010020.15	434927.73	3892
7	1	1	DK193	1009725.55	435235.28	3879
7	1	1	DK195	1009787.51	435292.62	3879
7	1	1	DK196	1009789.88	435265.70	3879
7	1	1	DK33	1007463.97	434546.81	3810
7	1	1	DK34	1007301.87	434383.33	3801
7	1	1	DM39	1007998.59	433243.32	3835
7	1	1	DM40	1008191.23	433210.96	3837
7	1	1	DP1	1007832.63	438286.98	3861
7	1	1	DP2	1007386.21	438041.27	3836
7	1	1	DP28	1009081.63	438208.36	3888
7	1	1	DP29	1008631.13	438294.74	3926
7	1	1	DP3	1007787.28	437978.30	3844
7	1	1	DP30	1008283.58	438130.51	3899
7	1	1	DR285	1009116.52	433169.25	3837
7	1	1	DR291	1009068.99	433115.16	3837
7	1	1	DR292	1009014.47	433140.07	3814
7	1	1	DR293	1009033.80	433123.32	3814
7	1	1	DR294	1008992.15	433158.58	3814
7	1	1	DR295	1008975.06	433175.91	3814
7	1	1	DR302	1008896.35	433093.34	3820
7	1	1	DR303	1008885.51	433182.96	3813
7	1	1	DR307	1008924.30	433192.92	3813
7	1	1	DR308	1008947.02	433152.67	3814
7	1	1	DR309	1008973.91	433103.23	3814
7	1	1	DR310	1009011.29	433048.78	3800
7	1	1	DR311	1008882.50	433197.43	3813
7	1	1	DR312	1008765.26	433102.41	3828
7	1	1	DR313	1008730.00	433081.80	3828
7	1	1	DR314	1008806.25	433196.96	3835
7	1	1	DR315	1008861.26	433180.10	3820
7	1	1	DR316	1008890.70	433140.42	3820

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	1	DR317	1008833.57	433084.84	3820
7	1	1	DR318	1008802.90	433086.06	3828
7	1	1	DR44	1009834.90	434956.15	3896
7	1	1	DR45	1009788.82	434999.38	3886
7	1	1	DR46	1009776.44	435038.61	3886
7	1	1	DR47	1009857.08	435006.29	3896
7	1	1	DR476	1009770.84	436751.66	3922
7	1	1	DR477	1009757.78	436823.58	3922
7	1	1	DR478	1009760.49	436896.38	3923
7	1	1	DR48	1009894.22	435046.83	3896
7	1	1	DR49	1009945.49	435038.83	3902
7	1	1	DR50	1009885.65	434923.97	3890
7	1	1	DR506	1009799.29	436617.51	3926
7	1	1	DR507	1009700.14	436338.36	3912
7	1	1	DR509	1009760.39	437512.31	3911
7	1	1	DR51	1009942.68	434945.36	3902
7	1	1	DR510	1009818.57	437452.52	3911
7	1	1	DR514	1009773.80	437269.99	3924
7	1	1	DR516	1009922.33	437453.61	3911
7	1	1	DR517	1010020.53	437597.48	3892
7	1	1	DR52	1010098.85	434912.06	3899
7	1	1	DR53	1009699.47	434934.89	3881
7	1	1	DR54	1009663.21	434969.05	3878
7	1	1	DR58	1009783.83	434925.61	3881
7	1	1	DR59	1010208.49	434841.67	3904
7	1	1	DR60	1010125.05	434676.07	3901
7	1	1	DR61	1010329.29	434758.88	3897
7	1	1	DR62	1010309.80	434727.66	3904
7	1	1	DR63	1009662.67	435267.27	3875
7	1	1	DR631	1008912.36	433115.88	3820
7	1	1	DR633	1008916.75	433061.02	3820
7	1	1	DR65	1009958.03	435245.45	3886
7	1	1	DR66	1010015.79	435243.24	3886
7	1	1	DR67	1009697.76	435291.18	3879
7	1	1	DR68	1010010.06	435297.08	3886
7	1	1	DR688	1008173.37	433225.94	3843
7	1	1	DR69	1009721.24	435316.00	3879
7	1	1	DR70	1009756.24	435225.17	3879
7	1	1	DR714	1008151.42	433126.14	3842
7	1	1	DR715	1008208.72	433182.51	3838
7	1	1	DR717	1008320.87	433094.87	3832
7	1	1	DR72	1009832.47	435234.86	3881
7	1	1	DR73	1009853.24	435306.41	3881

Appendix 3.2-A

Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	1	DR735	1008467.12	433211.23	3833
7	1	1	DR74	1009849.85	435375.82	3886
7	1	1	DR75	1009906.36	435436.69	3886
7	1	1	DR76	1009989.35	435457.86	3902
7	1	1	DR77	1010002.99	435437.70	3889
7	1	1	DR78	1009982.39	435402.39	3889
7	1	1	DR79	1010085.72	435348.98	3900
7	1	1	DR80	1010003.62	435323.38	3889
7	1	1	DR81	1010177.44	435354.47	3900
7	1	1	DR82	1010031.74	435334.15	3889
7	1	1	DR824	1009381.03	437688.02	3914
7	1	1	DR825	1009374.94	437711.55	3904
7	1	1	DR826	1009369.41	437741.74	3904
7	1	1	DR827	1009355.36	437778.38	3904
7	1	1	DR828	1009310.80	437778.64	3904
7	1	1	DR829	1009260.09	437721.31	3905
7	1	1	DR83	1009984.26	435292.35	3886
7	1	1	DR830	1009176.38	437750.05	3912
7	1	1	DR84	1010037.73	435286.37	3886
7	1	1	DR848	1009780.60	437333.97	3921
7	1	1	DR851	1009743.92	437404.14	3921
7	1	1	DR852	1009734.14	437342.09	3921
7	1	1	DR856	1009762.21	437489.99	3911
7	1	1	DR857	1009792.13	437496.69	3911
7	1	1	DR858	1009774.53	437541.14	3911
7	1	1	DR859	1009786.88	437573.55	3911
7	1	1	DR860	1009802.88	437643.27	3901
7	1	1	DR861	1009754.96	437702.73	3888
7	1	1	DR862	1009743.76	437732.86	3888
7	1	1	DR863	1009727.26	437753.03	3888
7	1	1	DR864	1009710.80	437778.36	3888
7	1	1	DR872	1009729.28	437221.81	3924
7	1	1	DR873	1009741.46	437169.88	3926
7	1	1	DR874	1009759.04	437142.52	3926
7	1	1	DR875	1009762.18	437200.37	3926
7	1	1	DR877	1009781.66	437169.91	3926
7	1	1	DR878	1009798.40	437113.92	3926
7	1	1	DR879	1009837.25	437077.69	3920
7	1	1	DR881	1009784.63	437233.28	3924
7	1	1	DR882	1009829.52	437141.08	3920
7	1	1	DR883	1009921.14	437080.93	3920
7	1	1	DR884	1009955.44	437079.42	3919
7	1	1	DR885	1010007.96	437064.53	3921

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	1	DR886	1010061.95	437050.37	3921
7	1	1	DR887	1010122.58	437034.06	3920
7	1	1	DR889	1009725.27	437132.49	3926
7	1	1	DR923	1007349.04	437797.77	3835
7	1	1	DRA1	1009159.90	434878.26	3861
7	1	1	DRA10	1007525.84	438210.57	3831
7	1	1	DRA11	1008357.91	437034.77	3885
7	1	1	DRA12	1008438.08	436973.67	3899
7	1	1	DRA13	1010134.40	433679.76	3874
7	1	1	DRA14	1010013.84	434007.57	3851
7	1	1	DRA15	1009904.92	434095.69	3855
7	1	1	DRA16	1009865.10	434374.12	3872
7	1	1	DRA17	1010264.11	433561.85	3875
7	1	1	DRA18	1010315.00	433636.06	3879
7	1	1	DRA19	1010289.43	433705.56	3876
7	1	1	DRA2	1009267.07	434859.82	3846
7	1	1	DRA20	1010299.59	433547.80	3873
7	1	1	DRA21	1008670.66	435352.71	3895
7	1	1	DRA22	1010124.92	433395.75	3865
7	1	1	DRA23	1010079.72	433311.77	3865
7	1	1	DRA24	1010159.09	433346.45	3865
7	1	1	DRA25	1010109.68	433260.46	3849
7	1	1	DRA26	1009918.51	433330.86	3843
7	1	1	DRA27	1010039.30	433761.18	3856
7	1	1	DRA28	1010342.39	433580.32	3879
7	1	1	DRA29	1009431.04	434679.14	3841
7	1	1	DRA3	1010200.90	433483.51	3873
7	1	1	DRA30	1009602.80	434531.81	3860
7	1	1	DRA31	1009641.47	434575.03	3858
7	1	1	DRA32	1009395.64	434750.92	3845
7	1	1	DRA45	1007464.77	437827.66	3844
7	1	1	DRA46	1009146.69	434833.93	3861
7	1	1	DRA47	1009121.01	434898.38	3861
7	1	1	DRA6	1010020.13	433195.11	3849
7	1	1	DRA7	1008174.06	437316.29	3877
7	1	1	DRA8	1008073.63	437494.02	3881
7	1	1	DRA9	1007652.30	438123.26	3819
7	1	1	DRJ106	1007474.38	437640.27	3842
7	1	1	DRJ107	1007488.85	437571.44	3847
7	1	1	DRJ108	1007534.75	437177.62	3810
7	1	1	DRJ109	1008934.53	436068.34	3884
7	1	1	DRJ11	1007439.13	434952.74	3792
7	1	1	DRJ110	1007495.18	437753.04	3844

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	1	DRJ111	1007457.05	437601.64	3842
7	1	1	DRJ112	1007478.44	437482.75	3847
7	1	1	DRJ113	1007692.85	437235.37	3862
7	1	1	DRJ114	1007491.43	437029.37	3841
7	1	1	DRJ115	1007447.17	437941.71	3842
7	1	1	DRJ117	1007492.57	437047.22	3841
7	1	1	DRJ12	1007484.18	434952.58	3792
7	1	1	DRJ15	1007850.31	433226.88	3831
7	1	1	DRJ182	1009573.07	433073.62	3822
7	1	1	DRJ183	1009884.80	433013.36	3833
7	1	1	DRJ184	1009880.38	433065.57	3841
7	1	1	DRJ185	1009450.97	433036.96	3799
7	1	1	DRJ186	1009463.02	433119.08	3800
7	1	1	DRJ187	1010018.88	433585.94	3861
7	1	1	DRJ188	1009896.54	433478.24	3850
7	1	1	DRJ189	1010149.29	433582.56	3874
7	1	1	DRJ190	1010096.14	433618.77	3874
7	1	1	DRJ191	1009969.92	433870.07	3851
7	1	1	DRJ192	1009910.63	433666.30	3856
7	1	1	DRJ193	1009779.36	433551.22	3838
7	1	1	DRJ194	1009685.76	433650.47	3828
7	1	1	DRJ195	1009675.81	433524.95	3821
7	1	1	DRJ196	1009983.75	433721.93	3856
7	1	1	DRJ197	1009907.90	433166.28	3841
7	1	1	DRJ198	1009729.15	433474.03	3838
7	1	1	DRJ2	1008047.23	433242.09	3835
7	1	1	DRJ20	1007769.34	433250.94	3820
7	1	1	DRJ21	1007709.13	433295.75	3820
7	1	1	DRJ22	1007652.53	433333.53	3812
7	1	1	DRJ23	1007619.21	433255.78	3812
7	1	1	DRJ24	1007675.59	433377.01	3812
7	1	1	DRJ25	1007726.49	433445.16	3824
7	1	1	DRJ26	1007770.24	433522.38	3824
7	1	1	DRJ27	1007837.82	433580.75	3832
7	1	1	DRJ28	1007909.55	433607.83	3832
7	1	1	DRJ29	1007965.48	433644.36	3843
7	1	1	DRJ3	1008051.20	433456.85	3838
7	1	1	DRJ30	1007660.35	433199.52	3812
7	1	1	DRJ31	1007954.45	433691.82	3841
7	1	1	DRJ32	1007747.91	433176.91	3821
7	1	1	DRJ33	1007931.01	433751.58	3841
7	1	1	DRJ34	1007869.65	433768.29	3825
7	1	1	DRJ35	1007885.96	433847.16	3828

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	1	DRJ36	1007851.96	433885.57	3828
7	1	1	DRJ37	1007775.20	433140.61	3821
7	1	1	DRJ4	1007999.43	433243.29	3835
7	1	1	DRJ49	1009435.55	434791.43	3883
7	1	1	DRJ50	1009303.53	434686.51	3839
7	1	1	DRJ51	1009352.05	434829.14	3856
7	1	1	DRJ52	1009908.11	433271.06	3841
7	1	1	DRJ53	1009905.77	434142.51	3855
7	1	1	DRJ54	1009891.83	434227.03	3867
7	1	1	DRJ59	1007920.87	437857.30	3864
7	1	1	DRJ6	1008393.68	433117.48	3832
7	1	1	DRM15	1008911.69	435270.52	3879
7	1	1	DRM16	1008989.00	435460.62	3865
7	1	1	DRM17	1008841.99	435651.44	3882
7	1	1	DRM18	1008951.71	435347.22	3872
7	1	1	DRM19	1008926.65	435470.51	3880
7	1	1	DRM20	1008989.74	435199.07	3874
7	1	1	DRM21	1008969.61	435543.61	3865
7	1	1	DRM22	1008953.30	435407.20	3872
7	1	1	DRM23	1008923.51	435700.44	3879
7	1	1	DRM24	1008963.14	435274.10	3874
7	1	1	DRM25	1008952.54	435622.82	3867
7	1	1	DRM26	1008900.31	435774.97	3879
7	1	1	DRM27	1008675.30	436724.88	3905
7	1	1	DRM28	1008939.62	435666.74	3867
7	1	1	DRM29	1008936.72	435738.25	3876
7	1	1	DRM30	1008941.11	435804.97	3876
7	1	1	DRM31	1008936.04	435220.27	3874
7	1	1	DRM32	1008636.61	436771.59	3905
7	1	1	DRM33	1008763.03	436550.59	3904
7	1	1	DRM34	1008495.44	436787.08	3891
7	1	1	DRM35	1008823.56	436435.87	3902
7	1	1	DRM36	1009227.79	434820.90	3846
7	1	1	DRM37	1008460.87	436845.64	3892
7	1	1	DRM38	1008687.06	436655.97	3907
7	1	1	DRM39	1008952.57	435304.96	3874
7	1	1	DRM40	1008970.61	435965.51	3884
7	1	1	DRM41	1008882.24	435665.45	3882
7	1	1	DRM42	1008930.97	435578.58	3882
7	1	1	DRM43	1008949.54	435508.99	3865
7	1	1	DRM44	1008885.08	435729.72	3879
7	1	1	DRM45	1009120.42	434855.98	3861
7	1	1	DRM46	1009548.59	434476.15	3846

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	1	DRM47	1009270.89	434807.04	3849
7	1	1	DRM48	1008538.41	436815.05	3891
7	1	1	DRM49	1008392.81	436884.00	3881
7	1	1	DRM5	1007507.03	437971.20	3843
7	1	1	DRM50	1008504.36	436841.89	3892
7	1	1	DRM51	1009605.95	434485.19	3860
7	1	1	DRM52	1009682.22	434456.52	3860
7	1	1	DRM53	1009553.83	434521.76	3846
7	1	1	DRM54	1009476.45	434603.99	3871
7	1	1	DRM55	1008695.25	436851.53	3910
7	1	1	DRM56	1008725.36	436634.29	3907
7	1	1	DRM57	1008914.23	435434.02	3879
7	1	1	DRM58	1008914.41	435844.45	3880
7	1	1	DRM59	1008917.61	435378.81	3879
7	1	1	DRM60	1008860.74	435445.34	3880
7	1	1	DRM61	1009034.40	435967.50	3884
7	1	1	DRM62	1008857.44	435847.14	3880
7	1	1	DRM63	1009000.36	435910.90	3882
7	1	1	DRM64	1009076.99	435954.62	3871
7	1	1	DRM65	1008240.98	436890.16	3875
7	1	1	DRR111	1007358.86	436003.35	3791
7	1	1	DRR134	1007259.88	435437.75	3791
7	1	1	DRS10	1010137.49	433450.22	3872
7	1	1	DRS11	1010212.44	433561.26	3875
7	1	1	DRS12	1010273.63	433649.53	3875
7	1	1	DRS13	1010226.52	433746.44	3876
7	1	1	DRS14	1010180.69	433886.88	3866
7	1	1	DRS15	1010101.78	433958.63	3874
7	1	1	DRS16	1010043.15	434071.47	3854
7	1	1	DRS17	1009951.13	434174.00	3854
7	1	1	DRS19	1009757.86	434306.89	3873
7	1	1	DRS2	1010011.60	433043.87	3836
7	1	1	DRS20	1009855.34	434323.64	3872
7	1	1	DRS21	1009944.17	434342.22	3884
7	1	1	DRS22	1009877.81	434439.72	3877
7	1	1	DRS23	1009788.58	434435.29	3879
7	1	1	DRS24	1009724.66	434514.34	3865
7	1	1	DRS25	1009649.16	434530.21	3860
7	1	1	DRS26	1009557.11	434589.44	3871
7	1	1	DRS27	1009638.04	434640.26	3858
7	1	1	DRS28	1010030.03	433282.86	3849
7	1	1	DRS29	1009599.95	434804.92	3872
7	1	1	DRS3	1009957.15	433105.83	3843

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	1	DRS30	1009446.90	434871.49	3867
7	1	1	DRS31	1009277.19	434816.90	3846
7	1	1	DRS32	1009271.89	434751.92	3849
7	1	1	DRS33	1009525.50	434630.19	3871
7	1	1	DRS34	1009175.17	434821.25	3861
7	1	1	DRS35	1009149.32	435035.66	3857
7	1	1	DRS36	1008866.27	435029.57	3878
7	1	1	DRS37	1008972.82	435027.75	3874
7	1	1	DRS38	1008285.84	437179.26	3880
7	1	1	DRS39	1008195.69	437364.22	3882
7	1	1	DRS4	1010018.71	433129.15	3843
7	1	1	DRS40	1008824.12	436499.20	3904
7	1	1	DRS41	1008924.92	435941.99	3880
7	1	1	DRS42	1008964.66	435832.18	3882
7	1	1	DRS43	1008904.28	435613.33	3882
7	1	1	DRS44	1008956.73	435885.55	3882
7	1	1	DRS45	1008828.90	436381.80	3902
7	1	1	DRS46	1008849.91	436238.50	3898
7	1	1	DRS47	1008742.33	436408.51	3902
7	1	1	DRS48	1008636.32	436647.50	3903
7	1	1	DRS49	1008700.83	436590.31	3907
7	1	1	DRS5	1009962.97	433309.08	3851
7	1	1	DRS50	1008772.04	436470.35	3904
7	1	1	DRS51	1008836.74	436314.16	3898
7	1	1	DRS6	1009912.54	433420.93	3843
7	1	1	DRS7	1009917.17	433526.74	3850
7	1	1	DRS8	1010028.36	433524.60	3859
7	1	1	DRS9	1010096.32	433559.62	3874
7	1	1	DRT1	1007476.06	437601.23	3842
7	1	1	DRT10	1008367.20	436988.12	3885
7	1	1	DRT103	1010015.06	433212.78	3849
7	1	1	DRT104	1010054.14	433273.22	3849
7	1	1	DRT105	1009099.93	433243.99	3844
7	1	1	DRT11	1008349.67	436916.46	3881
7	1	1	DRT12	1008284.80	436765.98	3875
7	1	1	DRT13	1008242.28	436637.20	3879
7	1	1	DRT14	1007797.75	438009.00	3844
7	1	1	DRT16	1008306.38	436602.03	3881
7	1	1	DRT17	1008415.94	436563.60	3888
7	1	1	DRT18	1008524.80	436524.20	3892
7	1	1	DRT19	1008466.37	436646.26	3895
7	1	1	DRT2	1008346.24	437130.11	3892
7	1	1	DRT20	1008642.24	436577.50	3903

Appendix 3.2-A

Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	1	DRT21	1008438.41	436892.19	3892
7	1	1	DRT22	1008543.37	436884.72	3892
7	1	1	DRT23	1008865.84	436128.35	3889
7	1	1	DRT24	1009247.84	435991.47	3893
7	1	1	DRT25	1009333.00	435742.22	3895
7	1	1	DRT26	1009099.07	435817.50	3864
7	1	1	DRT27	1009292.93	435591.52	3884
7	1	1	DRT28	1009160.53	435291.16	3866
7	1	1	DRT29	1009152.18	434955.31	3857
7	1	1	DRT3	1008164.92	437248.65	3877
7	1	1	DRT30	1008633.46	436817.57	3905
7	1	1	DRT31	1008723.72	436698.93	3910
7	1	1	DRT32	1009255.58	435103.63	3851
7	1	1	DRT34	1009239.54	435030.61	3847
7	1	1	DRT36	1009209.00	434941.12	3847
7	1	1	DRT4	1008086.15	437449.60	3879
7	1	1	DRT5	1007882.36	437653.60	3862
7	1	1	DRT52	1009868.15	434224.82	3867
7	1	1	DRT53	1010178.49	433679.06	3874
7	1	1	DRT54	1010274.38	433474.82	3873
7	1	1	DRT55	1009030.77	434959.39	3874
7	1	1	DRT56	1010038.93	433429.05	3851
7	1	1	DRT57	1009978.77	433223.26	3849
7	1	1	DRT6	1007866.03	437904.70	3864
7	1	1	DRT61	1008124.29	437503.90	3881
7	1	1	DRT63	1010234.38	433680.75	3875
7	1	1	DRT64	1010247.82	433661.66	3875
7	1	1	DRT65	1008411.35	437021.58	3885
7	1	1	DRT66	1008609.17	436890.44	3907
7	1	1	DRT67	1008512.09	436969.76	3899
7	1	1	DRT68	1009841.06	434432.04	3872
7	1	1	DRT69	1009898.81	434291.92	3867
7	1	1	DRT7	1007958.36	437611.74	3874
7	1	1	DRT70	1010133.50	433515.36	3872
7	1	1	DRT71	1010052.70	433352.63	3851
7	1	1	DRT72	1010176.01	433830.94	3866
7	1	1	DRT73	1010234.02	433841.76	3880
7	1	1	DRT74	1009958.51	434099.79	3854
7	1	1	DRT75	1010121.23	433798.27	3870
7	1	1	DRT76	1010067.79	434016.90	3874
7	1	1	DRT77	1010062.66	433206.84	3849
7	1	1	DRT78	1008604.43	436687.07	3903
7	1	1	DRT79	1008568.54	436824.67	3907

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	1	DRT8	1008324.99	437049.74	3885
7	1	1	DRT80	1008669.24	436625.21	3903
7	1	1	DRT81	1008317.91	437119.65	3892
7	1	1	DRT82	1010086.38	433887.65	3866
7	1	1	DRT86	1010135.83	433981.26	3874
7	1	1	DRT87	1010038.99	433923.81	3851
7	1	1	DRT88	1010019.14	433871.43	3851
7	1	1	DRT89	1010266.83	433604.45	3875
7	1	1	DRT9	1008142.63	437414.81	3879
7	1	1	DRT90	1008678.27	436732.42	3905
7	1	1	DRW1	1007518.92	437588.58	3842
7	1	1	DRW10	1007609.61	437985.60	3848
7	1	1	DRW11	1007541.97	437939.03	3842
7	1	1	DRW12	1007519.52	438097.40	3823
7	1	1	DRW13	1007377.39	438235.92	3816
7	1	1	DRW14	1007703.45	437956.12	3844
7	1	1	DRW15	1007870.83	437967.31	3854
7	1	1	DRW16	1007618.63	437838.89	3853
7	1	1	DRW17	1007425.42	437676.14	3837
7	1	1	DRW18	1007488.40	437880.58	3842
7	1	1	DRW19	1007418.12	437597.34	3837
7	1	1	DRW2	1007590.46	437489.90	3854
7	1	1	DRW20	1007482.76	437519.06	3847
7	1	1	DRW21	1007451.44	437774.25	3844
7	1	1	DRW22	1007424.52	437892.05	3838
7	1	1	DRW23	1007425.12	437929.29	3838
7	1	1	DRW24	1007413.81	437975.62	3836
7	1	1	DRW25	1007964.65	437875.90	3848
7	1	1	DRW26	1008020.26	437828.11	3875
7	1	1	DRW27	1008032.07	437761.08	3875
7	1	1	DRW28	1007992.22	437781.54	3875
7	1	1	DRW29	1007978.14	437740.57	3875
7	1	1	DRW3	1007754.98	437396.03	3861
7	1	1	DRW30	1007882.10	437817.99	3864
7	1	1	DRW31	1007917.10	437760.96	3864
7	1	1	DRW32	1007923.31	437705.91	3864
7	1	1	DRW33	1007888.26	437579.25	3862
7	1	1	DRW34	1007928.82	437553.59	3872
7	1	1	DRW35	1007892.85	437463.64	3863
7	1	1	DRW36	1007972.65	437510.36	3872
7	1	1	DRW37	1008019.65	437482.77	3872
7	1	1	DRW38	1008056.36	437395.60	3879
7	1	1	DRW39	1008129.73	437332.66	3879

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	1	DRW4	1007622.65	437222.55	3855
7	1	1	DRW40	1008041.56	437536.35	3872
7	1	1	DRW41	1008186.72	437447.59	3882
7	1	1	DRW42	1008205.47	437293.28	3881
7	1	1	DRW43	1008222.99	437168.50	3880
7	1	1	DRW5	1007746.86	437286.94	3862
7	1	1	DRW6	1007680.76	437550.80	3858
7	1	1	DRW7	1007768.88	437541.70	3858
7	1	1	DRW8	1007545.66	437807.72	3844
7	1	1	DRW9	1007576.84	437892.20	3853
7	1	1	DS423	1009755.70	437020.07	3925
7	1	1	DS424	1009765.82	436972.73	3925
7	1	1	DS472	1009737.68	436640.58	3926
7	1	1	DS473	1009801.10	436650.73	3926
7	1	1	DS474	1009774.65	436651.86	3926
7	1	1	DS604	1008304.31	433216.70	3837
7	1	1	DS683	1007973.16	433104.37	3843
7	1	1	DS684	1007920.17	433099.07	3840
7	1	1	DS685	1007982.14	433154.75	3843
7	1	1	DS686	1007917.96	433164.20	3840
7	1	1	DS688	1008098.58	433139.66	3842
7	1	1	DS692	1008315.40	433136.09	3832
7	1	1	DS694	1008429.73	433163.37	3832
7	1	1	DS695	1008232.67	433131.31	3838
7	1	1	DS696	1010664.37	434211.32	3912
7	1	1	DS697	1010565.61	435252.21	3920
7	1	1	DS715	1008347.34	434034.70	3851
7	1	1	DS716	1008148.33	433832.82	3831
7	1	1	DS717	1007969.53	433601.94	3843
7	1	1	DS718	1007970.04	433481.87	3838
7	1	1	DS719	1007897.30	433522.29	3831
7	1	1	DS720	1007810.96	433313.12	3831
7	1	1	DS721	1007902.30	433685.83	3825
7	1	1	DS722	1007838.42	433693.91	3825
7	1	1	DS723	1007688.04	433698.75	3821
7	1	1	DS724	1008224.34	433267.04	3837
7	1	1	DS727	1008169.57	433193.38	3843
7	1	1	DS733	1008860.07	438264.13	3913
7	1	1	DS734	1008958.08	438109.54	3907
7	1	1	DS735	1009094.91	437980.82	3906
7	1	1	DS736	1008854.23	437912.35	3923
7	1	1	DW38	1010576.73	435122.57	3917
7	1	1	DW39	1010618.63	435166.97	3917

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	1	DW40	1010584.60	435076.98	3917
7	1	1	DW41	1010639.31	435064.22	3913
7	1	1	DW42	1009983.75	435272.54	3886
7	1	1	DW43	1009992.73	435221.62	3886
7	1	1	DW44	1010038.43	435255.35	3886
7	1	1	DW45	1010033.39	435309.24	3886
7	1	1	DW46	1009929.34	435294.85	3881
7	1	1	DW47	1009873.44	435271.77	3881
7	1	1	DW48	1009877.86	435230.35	3881
7	1	1	DW49	1009928.06	435260.45	3881
7	1	1	DW5	1009979.65	435324.08	3889
7	1	1	DW50	1009874.72	435299.35	3881
7	1	1	DW51	1009737.63	435223.21	3879
7	1	1	DW52	1009745.80	435015.25	3886
7	1	1	DW53	1009748.35	435122.59	3882
7	1	1	DW54	1009760.62	434935.07	3881
7	1	1	DW55	1009756.12	434908.92	3881
7	1	1	DW56	1009764.04	434957.76	3886
7	1	1	DW57	1009985.71	435038.29	3902
7	1	1	DW58	1009810.53	434919.12	3881
7	1	1	DW59	1009812.48	434946.22	3896
7	1	1	DW6	1009969.21	435430.04	3889
7	1	1	DW60	1009812.49	434892.98	3890
7	1	1	DW61	1009861.63	434905.29	3890
7	1	1	DW62	1009909.43	434916.46	3890
7	1	1	DW63	1009840.93	434932.82	3890
7	1	1	DW64	1009838.46	435038.82	3896
7	1	1	DW65	1009751.85	435063.61	3886
7	1	1	DW7	1009963.51	435524.45	3902
7	1	1	E	1008829.94	437103.09	3915
7	1	1	EN93	1008963.32	435835.41	3882
7	1	1	FR736	1008502.18	433185.68	3833
7	1	1	L1	1009036.16	434791.51	3882
7	1	1	O-1	1009002.99	434062.65	3865
7	1	10	B11FR	999262.40	428402.14	3623
7	1	10	B11LAK	999300.39	428418.75	3624
7	1	10	B6FR	1000499.23	431127.28	3647
7	1	10	BPZ-6ABN	1000435.14	431109.40	3647
7	1	10	PA1	999516.84	433274.95	3640
7	1	10	PA10	1000028.50	431317.25	3649
7	1	10	PA101	1000389.26	430788.62	3656
7	1	10	PA 102	1000328.62	430918.73	3653
7	1	10	PA103	999763.16	431391.12	3670

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	10	PA104	999646.25	431712.98	3649
7	1	10	PA105	999666.95	431253.86	3675
7	1	10	PA106	1000440.23	430876.40	3650
7	1	10	PA107	1000224.89	431045.74	3654
7	1	10	PA108	1000183.24	431181.04	3650
7	1	10	PA109	999707.60	431777.15	3649
7	1	10	PA11	999624.77	431531.83	3664
7	1	10	PA110	1000270.44	432801.97	3646
7	1	10	PA 111	1000449.79	430966.12	3649
7	1	10	PA112	1000387.83	432753.75	3646
7	1	10	PA113	1000570.15	431016.22	3648
7	1	10	PA114	1000230.51	431122.87	3652
7	1	10	PA115	999727.63	431657.39	3655
7	1	10	PA116	1000636.70	430934.07	3648
7	1	10	PA117	999821.94	433002.21	3642
7	1	10	PA118	999743.20	432849.48	3639
7	1	10	PA119	999925.35	433040.53	3644
7	1	10	PA12	999651.66	431755.83	3649
7	1	10	PA120	999773.24	433097.98	3643
7	1	10	PA121	999645.57	432694.94	3638
7	1	10	PA122	1000589.83	430828.70	3650
7	1	10	PA123	999829.27	429330.90	3646
7	1	10	PA124	1000261.32	430446.50	3667
7	1	10	PA125	1000129.85	430307.64	3687
7	1	10	PA126	1000079.50	429827.14	3675
7	1	10	PA127	999486.15	430636.89	3722
7	1	10	PA128	999540.20	430737.82	3710
7	1	10	PA129	999726.41	430823.10	3693
7	1	10	PA13	999551.80	431330.11	3676
7	1	10	PA130	999764.53	430859.36	3693
7	1	10	PA131	1000681.35	430789.46	3651
7	1	10	PA132	999936.23	429298.80	3648
7	1	10	PA133	1000283.91	430750.74	3656
7	1	10	PA134	1000254.53	430617.19	3662
7	1	10	PA135	1000759.86	430850.12	3650
7	1	10	PA136	999478.58	430560.23	3722
7	1	10	PA137	1000863.95	430885.87	3651
7	1	10	PA138	999803.59	430744.23	3691
7	1	10	PA139	1000154.12	429775.55	3662
7	1	10	PA14	999597.04	431249.78	3682
7	1	10	PA141	999387.60	430559.98	3720
7	1	10	PA142	999534.34	430598.05	3713
7	1	10	PA15	999583.77	431119.64	3687

Appendix 3.2-A

Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	10	PA16	999549.93	430966.20	3692
7	1	10	PA17	999534.51	430674.92	3710
7	1	10	PA18	999540.24	430811.43	3706
7	1	10	PA19	999759.53	429151.46	3635
7	1	10	PA2	999523.82	432994.35	3640
7	1	10	PA20	999659.62	429314.48	3645
7	1	10	PA21	999793.04	429240.68	3639
7	1	10	PA22	999959.74	429745.66	3663
7	1	10	PA23	999865.95	430169.67	3706
7	1	10	PA24	999867.00	430279.59	3706
7	1	10	PA25	1000062.16	430393.48	3687
7	1	10	PA 26	1000257.61	430101.79	3681
7	1	10	PA27	999927.62	429976.39	3687
7	1	10	PA28	999443.57	428483.82	3627
7	1	10	PA29	1001491.17	429222.19	3679
7	1	10	PA3	999575.93	432746.03	3636
7	1	10	PA30	1001401.24	429165.17	3679
7	1	10	PA31	1001274.44	429072.87	3673
7	1	10	PA32	1001167.55	429009.08	3663
7	1	10	PA33	1001414.15	429057.57	3679
7	1	10	PA34	1000418.94	428393.55	3645
7	1	10	PA36	1000205.11	428154.66	3634
7	1	10	PA38	1000066.97	428037.02	3631
7	1	10	PA4	999681.98	432381.12	3636
7	1	10	PA40	1000906.47	430792.88	3659
7	1	10	PA41	1001251.68	428770.39	3664
7	1	10	PA45	1000798.63	428589.07	3651
7	1	10	PA46	1000641.29	428549.04	3657
7	1	10	PA47	1000534.83	428464.61	3651
7	1	10	PA48	1000130.36	428068.03	3631
7	1	10	PA5	999592.67	433093.76	3641
7	1	10	PA57	999835.86	428052.25	3630
7	1	10	PA6	999598.87	433308.07	3640
7	1	10	PA61	1000450.40	428259.39	3642
7	1	10	PA62	1000456.10	428345.18	3645
7	1	10	PA63	1000746.59	428597.91	3651
7	1	10	PA64	1000742.36	428513.87	3655
7	1	10	PA65	1001049.96	428776.85	3661
7	1	10	PA66	1001335.89	428839.72	3670
7	1	10	PA69	1001333.79	428334.15	3661
7	1	10	PA7	999569.33	433128.08	3641
7	1	10	PA70	1001345.59	428439.99	3660
7	1	10	PA71	1000762.40	428037.33	3650

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	10	PA73	1001034.19	428074.53	3662
7	1	10	PA74	1001038.02	428139.38	3662
7	1	10	PA8	999586.89	432789.50	3636
7	1	10	PA86	1001392.56	428466.52	3660
7	1	10	PA87	1001383.28	428392.20	3661
7	1	10	PA88	1001089.41	428089.34	3662
7	1	10	PA89	1001080.54	428039.20	3662
7	1	10	PA9	1000167.97	431019.83	3654
7	1	10	PA90	1000994.84	428103.10	3672
7	1	10	PA95	1001524.95	428435.53	3662
7	1	10	PA95	999640.01	430819.44	3706
7	1	10	PA96	1001124.17	428168.47	3657
7	1	10	PA99	1001296.33	428744.35	3664
7	1	10	PJ1	999893.13	430046.23	3698
7	1	10	PJ10	1000235.97	430945.78	3654
7	1	10	PJ11	1000174.33	431135.83	3652
7	1	10	PJ12	1000119.36	431223.36	3654
7	1	10	PJ13	1000002.43	431250.09	3657
7	1	10	PJ14	999958.54	431359.66	3654
7	1	10	PJ15	999851.84	431412.93	3660
7	1	10	PJ16	999799.74	431339.58	3660
7	1	10	PJ17	999896.81	431196.75	3657
7	1	10	PJ19	999844.33	430951.77	3673
7	1	10	PJ2	999912.76	430106.33	3698
7	1	10	PJ20	999725.47	430973.18	3681
7	1	10	PJ21	999604.81	430918.76	3706
7	1	10	PJ22	999489.51	430770.84	3724
7	1	10	PJ23	999371.51	430732.73	3727
7	1	10	PJ24	999347.54	430911.34	3729
7	1	10	PJ25	999359.61	431080.23	3708
7	1	10	PJ26	999473.34	431092.61	3699
7	1	10	PJ27	999646.14	431066.63	3679
7	1	10	PJ28	999675.69	431173.25	3679
7	1	10	PJ29	999623.10	431273.16	3682
7	1	10	PJ3	999920.32	430262.48	3704
7	1	10	PJ30	999539.16	431352.84	3676
7	1	10	PJ31	999618.72	431410.24	3676
7	1	10	PJ32	999632.49	431632.92	3661
7	1	10	PJ33	999597.14	431771.69	3655
7	1	10	PJ34	999637.31	431876.76	3651
7	1	10	PJ35	999548.72	431952.17	3646
7	1	10	PJ36	999570.92	432049.97	3646
7	1	10	PJ37	999667.00	432482.13	3636

Appendix 3.2-A

Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	10	PJ38	999644.14	431705.56	3649
7	1	10	PJ38	999830.77	431033.94	3673
7	1	10	PJ39	999452.39	433304.61	3639
7	1	10	PJ3C	999913.22	430319.24	3701
7	1	10	PJ4	1000018.33	430360.03	3701
7	1	10	PJ40	999623.79	433220.93	3640
7	1	10	PJ41	999991.09	430149.48	3698
7	1	10	PJ42	1000192.70	430701.09	3663
7	1	10	PJ43	999945.40	429927.13	3687
7	1	10	PJ44	999963.87	429826.01	3677
7	1	10	PJ45	999922.48	429709.66	3663
7	1	10	PJ46	999757.73	428680.63	3630
7	1	10	PJ47	999771.91	428591.26	3634
7	1	10	PJ48	999821.17	428500.98	3634
7	1	10	PJ49	999915.83	428460.22	3636
7	1	10	PJ5	1000070.66	430523.43	3683
7	1	10	PJ51	1000023.75	428117.33	3631
7	1	10	PJ52	999816.16	428615.81	3634
7	1	10	PJ53	1000324.79	430998.11	3650
7	1	10	PJ54	999743.57	431507.18	3660
7	1	10	PJ55	1000229.88	430563.12	3662
7	1	10	PJ56	1000206.61	430646.63	3662
7	1	10	PJ57	1000309.21	430848.57	3653
7	1	10	PJ58	999675.89	431616.79	3655
7	1	10	PJ59	999707.64	431422.23	3670
7	1	10	PJ6	1000178.28	430467.53	3667
7	1	10	PJ7	1000171.96	430590.19	3662
7	1	10	PJ8	1000143.42	430683.36	3669
7	1	10	PJ9	1000210.04	430783.61	3663
7	1	10	PK4	1000309.83	428424.20	3647
7	1	10	PM115	1001470.02	428519.46	3662
7	1	10	PM117	999705.22	429360.51	3645
7	1	10	PM118	999692.87	429249.58	3638
7	1	10	PM119	999748.78	429549.85	3654
7	1	10	PM120	999816.17	429632.08	3655
7	1	10	PM121	999921.86	429658.83	3657
7	1	10	PM122	999903.66	429762.11	3663
7	1	10	PM123	999999.57	429882.67	3677
7	1	10	PM124	1000020.19	429985.35	3684
7	1	10	PM125	1000033.48	430091.33	3691
7	1	10	PM126	999971.27	430035.44	3687
7	1	10	PM127	999650.81	429219.91	3638
7	1	10	PM128	999283.51	428578.24	3624

Appendix 3.2-A

Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	10	PM129	999323.04	428666.93	3626
7	1	10	PM131	999751.52	429389.64	3645
7	1	10	PM132	999590.45	428956.79	3632
7	1	10	PM133	999220.92	428529.05	3622
7	1	10	PM134	999259.19	428633.32	3622
7	1	10	PM135	999360.52	428726.62	3626
7	1	10	PM136	999232.03	428422.22	3622
7	1	10	PM138	999196.68	428166.26	3623
7	1	10	PM139	999705.95	428988.39	3632
7	1	10	PM149	1001597.48	428780.14	3671
7	1	10	PM150	1001584.72	428677.69	3671
7	1	10	PM151	1001593.18	428591.39	3671
7	1	10	PM152	999606.61	432536.77	3633
7	1	10	PM153	999578.57	432901.03	3638
7	1	10	PM154	999527.04	433051.99	3640
7	1	10	PM155	999551.28	433245.28	3640
7	1	10	PM156	999608.45	432985.41	3640
7	1	10	PM157	999592.63	433184.98	3640
7	1	10	PM158	999753.47	432042.99	3639
7	1	10	PM159	1000959.51	433086.52	3653
7	1	10	PM160	999623.80	433086.65	3641
7	1	10	PM161	999232.84	432325.96	3637
7	1	10	PM 161	999985.09	432296.46	3642
7	1	10	PM162	999842.71	432487.26	3638
7	1	10	PM163	999643.31	432846.94	3639
7	1	10	PM164	1000861.09	433097.33	3652
7	1	10	PM165	999647.01	432928.72	3639
7	1	10	PM166	999819.31	432557.31	3640
7	1	10	PM167	1000904.36	432968.96	3653
7	1	10	PM168	999732.25	432754.02	3638
7	1	10	PM169	1001021.50	432975.10	3653
7	1	10	PM170	1000464.73	432723.85	3650
7	1	10	PM171	1000832.88	433005.68	3652
7	1	10	PM172	999599.26	433034.52	3640
7	1	10	PM173	1000812.55	433168.62	3652
7	1	10	PM174	999550.12	430876.10	3706
7	1	10	PM175	1000112.36	431111.08	3654
7	1	10	PM176	1000877.98	432857.76	3652
7	1	10	PM177	1000758.84	433245.53	3650
7	1	10	PM178	999559.19	432951.62	3640
7	1	10	PM179	999638.38	432767.95	3636
7	1	10	PM180	1000699.44	432717.08	3653
7	1	10	PM181	999738.74	432569.79	3639

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	10	PM182	999677.13	433013.09	3641
7	1	10	PM183	999624.50	433144.58	3641
7	1	10	PM184	1000870.39	432651.30	3655
7	1	10	PM185	1000110.20	432851.53	3644
7	1	10	PM186	999523.48	432896.47	3638
7	1	10	PM187	1000869.07	432419.95	3653
7	1	10	PM188	999887.74	432941.96	3642
7	1	10	PM189	999302.80	428070.00	3624
7	1	10	PM190	999269.66	428169.11	3624
7	1	10	PM2	1000313.49	428503.01	3647
7	1	10	PM20	1000842.53	428130.35	3668
7	1	10	PM207	1001290.00	428396.40	3661
7	1	10	PM208	1001489.51	428395.76	3671
7	1	10	PM214	1000456.49	428073.19	3633
7	1	10	PM216	1000634.49	428299.57	3649
7	1	10	PM218	1000547.01	428204.32	3643
7	1	10	PM219	1000736.06	428188.30	3659
7	1	10	PM22	999005.68	428147.95	3622
7	1	10	PM221	1000978.40	428007.24	3649
7	1	10	PM222	1000968.06	428163.15	3660
7	1	10	PM223	999721.60	428909.60	3631
7	1	10	PM229	1000974.40	430762.15	3659
7	1	10	PM23	999124.94	428150.01	3622
7	1	10	PM24	999216.68	428117.58	3622
7	1	10	PM3	1000293.83	428308.81	3645
7	1	10	PM31	999352.60	428191.56	3624
7	1	10	PM32	999292.17	428262.70	3624
7	1	10	PM33	999180.89	428440.07	3622
7	1	10	PM36	1000237.93	428671.16	3642
7	1	10	PM37	999390.85	428785.60	3627
7	1	10	PM38	999811.72	428855.30	3632
7	1	10	PM39	999902.30	429031.49	3635
7	1	10	PM40	999758.11	429095.97	3635
7	1	10	PM41	999536.17	429039.08	3632
7	1	10	PM42	999465.18	429269.54	3635
7	1	10	PM43	999606.77	429438.30	3650
7	1	10	PM44	999840.58	429467.30	3650
7	1	10	PM45	1000737.70	428419.21	3655
7	1	10	PM46	1001212.81	428496.57	3657
7	1	10	PM47	1001466.17	428701.01	3668
7	1	10	PM48	1000615.48	428177.78	3643
7	1	10	PM55	1001107.46	428490.86	3654
7	1	10	PM58	1001335.85	428531.94	3660

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	10	PM59	1001017.30	428376.20	3654
7	1	10	PM60	1000534.67	428024.30	3632
7	1	10	PM61	1001066.63	428316.25	3654
7	1	10	PM63	1001136.95	428330.97	3654
7	1	10	PM64	1001522.59	428595.01	3666
7	1	10	PM65	1001112.94	428278.91	3657
7	1	10	PM67	1001536.54	428543.06	3671
7	1	10	PM69	1000978.03	428317.26	3654
7	1	10	PM70	1000921.60	428351.39	3654
7	1	10	PM71	1001221.47	428342.61	3657
7	1	10	PM72	1001263.78	428502.44	3657
7	1	10	PM73	1001065.68	428577.50	3660
7	1	10	PM74	1001006.58	428448.48	3651
7	1	10	PM75	1000861.21	428496.13	3654
7	1	10	PR 10	1001099.85	430834.36	3662
7	1	10	PR11	1001196.19	430854.71	3665
7	1	10	PR 12	1001288.37	430823.36	3663
7	1	10	PR3	1001149.33	428226.97	3658
7	1	10	PR7	1001003.89	430758.46	3659
7	1	10	PR8	1001106.32	430720.95	3662
7	1	10	PR 9	1001171.84	430751.79	3665
7	1	10	PS1	999659.18	429078.30	3635
7	1	10	PS10	1000512.87	428136.09	3633
7	1	10	PS11	1000704.16	428239.96	3659
7	1	10	PS12	1000850.02	428371.04	3659
7	1	10	PS13	1001021.38	428516.30	3651
7	1	10	PS14	1001150.23	428385.43	3657
7	1	10	PS15	1001301.07	428452.97	3660
7	1	10	PS16	1001451.65	428591.02	3666
7	1	10	PS17	1001594.54	428712.50	3671
7	1	10	PS25	1001600.72	428851.65	3672
7	1	10	PS29	1000687.44	428144.10	3650
7	1	10	PS30	1000621.84	428243.03	3643
7	1	10	PS31	1000920.09	428440.42	3651
7	1	10	PS38	1001486.70	428647.41	3666
7	1	10	PS39	1001143.73	428555.21	3660
7	1	10	PS40	1000756.21	428358.52	3661
7	1	10	PS41	1001232.33	428633.95	3662
7	1	10	PS42	1001354.01	428664.87	3664
7	1	10	PS43	1001542.71	428796.57	3672
7	1	10	PS44	1001601.17	428635.31	3671
7	1	10	PS45	1001318.29	428595.49	3661
7	1	10	PS47	1001291.55	428683.80	3664

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	10	PS48	1001249.13	428568.43	3662
7	1	10	PS54	999637.73	428976.50	3632
7	1	10	PS55	999709.41	428871.98	3631
7	1	10	PS56	999683.02	429054.44	3635
7	1	10	PS57	999663.88	429131.98	3635
7	1	10	PS58	999618.02	429028.90	3632
7	1	10	PS59	999607.48	428908.51	3630
7	1	10	PS60	999603.11	429111.92	3634
7	1	10	PS62	999571.93	428863.27	3630
7	1	10	PS63	999493.71	428823.21	3628
7	1	10	PS64	999552.21	428817.93	3630
7	1	10	PS65	999527.11	428781.31	3628
7	1	10	PS66	999487.77	428733.21	3627
7	1	10	PS67	999425.86	428739.13	3627
7	1	10	PS68	1000789.56	428207.31	3663
7	1	10	PS70	999855.95	429556.35	3655
7	1	10	PS72	999935.84	428781.50	3634
7	1	10	PS73	999815.50	431502.60	3654
7	1	10	PS74	999688.47	431541.86	3660
7	1	10	PS75	999579.21	431535.57	3664
7	1	10	PT10	1001395.84	428749.64	3664
7	1	10	PT100	999434.50	430676.67	3724
7	1	10	PT101	999942.41	430169.66	3704
7	1	10	PT102	1000017.88	430419.19	3701
7	1	10	PT103	999641.50	432031.07	3646
7	1	10	PT104	999744.23	429205.80	3638
7	1	10	PT105	999702.26	429149.45	3635
7	1	10	PT106	999932.67	429800.28	3677
7	1	10	PT107	999937.70	429880.10	3677
7	1	10	PT11	1001391.18	428609.87	3661
7	1	10	PT110	999292.99	428322.11	3624
7	1	10	PT111	1000181.37	430375.49	3672
7	1	10	PT112	999940.88	430298.58	3701
7	1	10	PT113	999346.29	428422.07	3624
7	1	10	PT114	999356.57	428312.30	3624
7	1	10	PT115	1000224.94	430739.13	3663
7	1	10	PT116	1000174.12	430965.97	3654
7	1	10	PT117	1000073.04	431241.43	3654
7	1	10	PT118	999923.28	431202.31	3657
7	1	10	PT12	1001219.50	428423.18	3657
7	1	10	PT123	999716.64	429244.77	3638
7	1	10	PT124	1000054.82	431276.28	3654
7	1	10	PT127	999330.33	428134.94	3624

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	10	PT128	999246.45	428230.38	3623
7	1	10	PT129	999845.29	428883.70	3632
7	1	10	PT13	1000895.15	428315.87	3659
7	1	10	PT130	999739.94	428759.53	3630
7	1	10	PT131	1000020.26	428067.96	3631
7	1	10	PT135	999694.93	428700.62	3630
7	1	10	PT136	999827.99	428924.86	3634
7	1	10	PT137	999760.72	429487.56	3650
7	1	10	PT14	1001183.59	428652.08	3662
7	1	10	PT145	1001580.40	428563.57	3671
7	1	10	PT146	1000960.23	428439.00	3651
7	1	10	PT147	1000950.47	428330.82	3654
7	1	10	PT148	1000899.79	428241.21	3660
7	1	10	PT15	1000832.59	428432.50	3654
7	1	10	PT155	1000371.70	428192.33	3643
7	1	10	PT156	1001348.14	428883.59	3670
7	1	10	PT157	1000558.16	428155.90	3640
7	1	10	PT158	1000401.58	428304.70	3645
7	1	10	PT159	1001382.53	428808.14	3670
7	1	10	PT160	1000761.01	428091.88	3650
7	1	10	PT162	1000861.56	428243.64	3663
7	1	10	PT164	1000812.13	428395.45	3659
7	1	10	PT165	1000788.34	428318.35	3659
7	1	10	PT166	1001137.16	428454.11	3654
7	1	10	PT167	1001549.95	428654.55	3671
7	1	10	PT168	1000683.71	428319.73	3661
7	1	10	PT17	1001019.42	428276.11	3660
7	1	10	PT170	1001628.75	429036.71	3681
7	1	10	PT171	1001607.74	428883.06	3672
7	1	10	PT172	1001532.31	428708.07	3671
7	1	10	PT186	1000065.56	428090.56	3631
7	1	10	PT19	1000729.64	428292.51	3661
7	1	10	PT2	1001554.29	428558.14	3671
7	1	10	PT20	1000819.37	428277.70	3663
7	1	10	PT21	1001426.19	428764.01	3668
7	1	10	PT28	1000932.36	428239.50	3660
7	1	10	PT29	1001069.39	428241.14	3657
7	1	10	PT32	999200.10	428213.59	3623
7	1	10	PT33	999246.25	428348.27	3623
7	1	10	PT34	999272.09	428474.71	3624
7	1	10	PT36	1001420.63	428577.68	3666
7	1	10	PT39	1000140.51	430812.59	3660
7	1	10	PT40	1001249.63	428896.27	3664

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	10	PT40	1000189.52	431030.37	3654
7	1	10	PT41	1000066.13	431182.43	3654
7	1	10	PT42	1001063.80	428682.80	3661
7	1	10	PT42	1000084.67	430416.41	3687
7	1	10	PT43	1001088.67	428868.24	3658
7	1	10	PT43	999982.60	430322.53	3701
7	1	10	PT44	1000922.95	428775.09	3653
7	1	10	PT44	999721.97	429310.96	3645
7	1	10	PT45	999637.22	429189.94	3637
7	1	10	PT46	999234.13	428282.79	3623
7	1	10	PT48	999333.05	428505.13	3624
7	1	10	PT49	999739.22	429263.05	3638
7	1	10	PT50	999803.69	429523.77	3650
7	1	10	PT51	999838.17	429616.15	3655
7	1	10	PT52	999882.40	429664.10	3655
7	1	10	PT53	1000002.60	430196.58	3704
7	1	10	PT54	1000063.28	430373.26	3687
7	1	10	PT56	999690.31	429197.47	3638
7	1	10	PT57	999757.96	429338.18	3645
7	1	10	PT58	999716.01	429431.41	3650
7	1	10	PT59	999937.93	430087.17	3698
7	1	10	PT60	999680.59	429105.96	3635
7	1	10	PT61	999520.79	433218.60	3640
7	1	10	PT62	999998.39	429944.33	3687
7	1	10	PT63	999970.82	430263.47	3704
7	1	10	PT64	1000138.98	430438.22	3683
7	1	10	PT65	1000141.89	430544.26	3683
7	1	10	PT66	1000164.47	430640.68	3662
7	1	10	PT67	1000203.33	430838.10	3657
7	1	10	PT68	1000147.06	431075.17	3652
7	1	10	PT69	999888.63	431096.87	3667
7	1	10	PT70	999588.52	431953.83	3646
7	1	10	PT71	999638.84	431566.04	3661
7	1	10	PT72	999987.11	431180.70	3657
7	1	10	PT73	999567.75	431954.92	3646
7	1	10	PT74	999395.51	430776.75	3724
7	1	10	PT75	999794.64	430966.48	3673
7	1	10	PT76	999473.38	431007.52	3708
7	1	10	PT77	999585.50	430824.60	3706
7	1	10	PT78	999427.42	430895.14	3721
7	1	10	PT79	999571.55	431065.52	3687
7	1	10	PT80	999569.14	431198.97	3682
7	1	10	PT81	999621.59	431367.24	3676

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	10	PT82	999646.23	431479.06	3660
7	1	10	PT83	999589.61	431684.53	3655
7	1	10	PT84	999636.64	431817.91	3651
7	1	10	PT85	999740.64	430917.75	3693
7	1	10	PT86	1000129.10	430554.81	3675
7	1	10	PT87	999903.48	431057.27	3661
7	1	10	PT88	999946.57	431140.79	3661
7	1	10	PT89	999599.90	431006.59	3692
7	1	10	PT90	999532.47	430914.65	3706
7	1	10	PT91	999471.57	430841.06	3721
7	1	10	PT92	1000129.96	431164.07	3654
7	1	10	PT93	999469.18	430727.83	3724
7	1	10	PT94	999766.25	430907.49	3693
7	1	10	PT96	1000157.27	430737.27	3663
7	1	10	PT97	1000201.07	430875.05	3657
7	1	10	PT98	1000114.31	430469.54	3683
7	1	10	PT99	999549.36	431998.25	3646
7	1	10	PW20	999769.94	429439.75	3650
7	1	10	RON1	1000991.87	429482.18	3659
7	1	10	RONA11	1001614.21	429661.80	3693
7	1	10	RONA14	1001630.43	430611.36	3665
7	1	10	RONA20	1001551.25	430529.90	3671
7	1	10	RONA24	1001448.46	430490.66	3671
7	1	10	RONA25	1001358.24	430474.12	3672
7	1	10	RONA35	1001666.67	430493.57	3668
7	1	10	RONA36	1001672.25	430591.59	3666
7	1	10	RONA37	1001201.55	430321.29	3673
7	1	10	RONA41	1001058.97	430343.95	3671
7	1	10	RONA59	1001363.60	429541.23	3680
7	1	10	RONA65	1001624.82	429366.47	3688
7	1	10	RONA66	1001521.33	429571.80	3689
7	1	10	RONA73	1001660.88	429559.84	3696
7	1	10	RONA75	1001508.79	429433.79	3686
7	1	10	RONA93	1001653.71	429614.50	3696
7	1	10	RONA94	1001624.65	429498.53	3690
7	1	10	RONJ1	1000442.05	430646.35	3654
7	1	10	RONM11	1000855.10	429507.13	3661
7	1	10	RONM12	1001654.66	430931.73	3661
7	1	10	RONM20	1000746.97	430629.64	3652
7	1	10	RONT61	1001648.32	429751.62	3694
7	1	10	RONT65	1001672.56	429799.48	3691
7	1	3	EM2-1	999408.67	435150.02	3654
7	1	3	EM2-3	999418.10	435416.87	3653

Appendix 3.2-A

Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	3	KLA1	999191.26	437468.60	3666
7	1	3	KLA10	998891.47	435702.21	3652
7	1	3	KLA11	999085.59	435260.28	3648
7	1	3	KLA12	999327.62	436082.50	3652
7	1	3	KLA13	999222.60	436430.45	3652
7	1	3	KLA14	999209.26	436108.70	3652
7	1	3	KLA15	998972.74	435200.15	3644
7	1	3	KLA16	999359.31	436376.41	3652
7	1	3	KLA2	998960.94	437592.41	3667
7	1	3	KLA3	999190.35	436986.98	3663
7	1	3	KLA4	999147.14	437293.61	3662
7	1	3	KLA5	999355.36	437115.79	3661
7	1	3	KLA6	998940.85	437782.15	3667
7	1	3	KLA7	999161.69	436829.52	3662
7	1	3	KLA8	999030.45	437185.71	3664
7	1	3	KLA8ABN	999049.84	436330.88	3653
7	1	3	KLA9	999161.59	436376.06	3652
7	1	3	KLJ1	998802.19	434954.39	3640
7	1	3	KLJ10	998935.21	437504.58	3666
7	1	3	KLJ11	999053.01	434841.29	3650
7	1	3	KLJ12	999126.41	435398.63	3644
7	1	3	KLJ2	998737.38	435712.97	3647
7	1	3	KLJ3	998898.20	435097.31	3644
7	1	3	KLJ4	999211.31	435994.50	3652
7	1	3	KLJ5	999261.54	436920.97	3662
7	1	3	KLJ6	998624.88	435112.30	3637
7	1	3	KLJ7	998887.83	434578.26	3641
7	1	3	KLJ8	999126.11	434500.76	3650
7	1	3	KLJ9	999109.39	437415.16	3665
7	1	3	KLT1	998144.57	434637.48	3633
7	1	3	KLT10	999010.26	436436.74	3654
7	1	3	KLT11	999041.53	437336.14	3665
7	1	3	KLT12	999057.90	437624.22	3667
7	1	3	KLT13	998928.84	436172.04	3653
7	1	3	KLT14	999114.01	435906.67	3652
7	1	3	KLT15	998848.14	437810.11	3667
7	1	3	KLT15ABN	998800.15	437782.17	3667
7	1	3	KLT16	999244.13	435582.67	3649
7	1	3	KLT17	999192.67	435268.60	3652
7	1	3	KLT18	998529.53	437886.76	3663
7	1	3	KLT19	999096.74	435070.61	3650
7	1	3	KLT2	998434.77	436069.57	3645
7	1	3	KLT20	998662.28	438037.94	3664

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	3	KLT21	998976.18	434550.37	3647
7	1	3	KLT21ABN	998965.97	434882.11	3645
7	1	3	KLT22	998634.43	434740.50	3636
7	1	3	KLT23	998873.68	434351.42	3644
7	1	3	KLT24	998735.44	434182.74	3634
7	1	3	KLT25	999100.84	435482.83	3646
7	1	3	KLT26	998978.57	434997.70	3643
7	1	3	KLT27	999023.03	435663.42	3649
7	1	3	KLT28	998870.46	435179.62	3641
7	1	3	KLT29	999157.88	436555.41	3653
7	1	3	KLT29	999081.15	435831.03	3652
7	1	3	KLT29ABN	998767.01	435844.76	3652
7	1	3	KLT3	998978.43	436941.12	3661
7	1	3	KLT30	998718.44	435052.14	3639
7	1	3	KLT31	999196.88	436283.43	3652
7	1	3	KLT32	999379.77	436577.71	3652
7	1	3	KLT33	998594.79	434919.41	3636
7	1	3	KLT34	998560.15	434331.15	3632
7	1	3	KLT35	998983.36	435820.30	3653
7	1	3	KLT36	998727.84	435215.88	3641
7	1	3	KLT37	998504.00	434574.04	3635
7	1	3	KLT38	998572.60	435760.21	3643
7	1	3	KLT39	999098.81	436011.44	3652
7	1	3	KLT-4	999151.78	437127.53	3663
7	1	3	KLT40	998752.16	435418.02	3643
7	1	3	KLT41	998752.43	436121.71	3650
7	1	3	KLT42	998692.32	435617.83	3645
7	1	3	KLT43	998832.37	436217.31	3652
7	1	3	KLT44	999113.69	436731.50	3659
7	1	3	KLT45	998605.72	435357.38	3640
7	1	3	KLT46	998776.18	434796.35	3641
7	1	3	KLT47	999001.98	436313.97	3653
7	1	3	KLT48	999242.87	436615.74	3655
7	1	3	KLT49	998663.14	436004.50	3651
7	1	3	KLT-5	999073.21	437041.96	3664
7	1	3	KLT50	998618.39	434549.02	3632
7	1	3	KLT51	998709.25	434343.17	3638
7	1	3	KLT52	998925.12	436039.06	3653
7	1	3	KLT53	998642.50	435460.87	3643
7	1	3	KLT54	998720.07	434434.75	3638
7	1	3	KLT55	998741.43	434703.78	3639
7	1	3	KLT56	998623.54	435688.92	3642
7	1	3	KLT57	998711.17	435924.32	3649

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	3	KLT58	999119.66	437086.94	3664
7	1	3	KLT59	999093.73	436260.90	3653
7	1	3	KLT6	999029.58	436986.88	3664
7	1	3	KLT61	998707.47	435772.32	3647
7	1	3	KLT62	998686.78	434638.11	3639
7	1	3	KLT63	998736.03	434900.22	3639
7	1	3	KLT64	998663.70	435286.77	3641
7	1	3	KLT65	999276.69	436304.95	3652
7	1	3	KLT66	998781.33	434608.93	3641
7	1	3	KLT67	998897.47	434258.20	3644
7	1	3	KLT68	998972.77	434356.76	3646
7	1	3	KLT69	998826.65	434479.79	3644
7	1	3	KLT7	998793.38	437222.88	3663
7	1	3	KLT70	999060.73	434592.70	3652
7	1	3	KLT71	998912.93	434136.33	3643
7	1	3	KLT72	998624.00	435207.41	3639
7	1	3	KLT73	998822.22	436107.64	3653
7	1	3	KLT74	999036.98	437493.21	3666
7	1	3	KLT75	999100.68	436892.24	3662
7	1	3	KLT76	998989.67	434474.10	3647
7	1	3	KLT77	998639.91	435887.40	3649
7	1	3	KLT78	998600.19	435559.82	3642
7	1	3	KLT79	999158.25	434825.66	3652
7	1	3	KLT80	999281.59	436537.97	3652
7	1	3	KLT81	999359.44	436944.73	3659
7	1	3	KLT82	998872.04	434295.44	3642
7	1	3	KLT9	998656.76	437525.54	3665
7	1	3	KT8	999259.58	436760.17	3657
7	1	3	LSJ13	999506.47	434608.65	3653
7	1	3	MSA 1	999515.88	434876.06	3652
7	1	3	MSA 10	999643.76	434798.87	3651
7	1	3	MSA11	1000165.97	434015.95	3652
7	1	3	MSA11ABN	999710.82	433648.71	3642
7	1	3	MSA2	999799.44	433436.62	3641
7	1	3	MSA2	1000167.12	433799.61	3647
7	1	3	MSA3	999924.58	433682.88	3642
7	1	3	MSA4	999711.78	433429.42	3641
7	1	3	MSA 5	999564.01	434962.80	3652
7	1	3	MSA 6	999750.26	434710.77	3651
7	1	3	MSA7	999914.83	434227.10	3651
7	1	3	MSA8	1000080.01	434116.48	3652
7	1	3	MSA9	999524.67	436274.86	3657
7	1	3	MSJ1	1000088.05	433706.56	3644

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	3	MSJ10	999924.80	433542.00	3641
7	1	3	MSJ11	999925.18	434342.73	3649
7	1	3	MSJ12	999608.04	434601.68	3650
7	1	3	MSJ14	998720.96	435530.49	3643
7	1	3	MSJ15	999477.31	433774.93	3644
7	1	3	MSJ16	999794.72	434243.27	3645
7	1	3	MSJ17	1000003.28	433618.77	3642
7	1	3	MSJ 18	999562.99	434706.73	3651
7	1	3	MSJ19	999419.56	434666.90	3653
7	1	3	MSJ3	999541.23	433530.81	3640
7	1	3	MSJ4	999610.14	433651.97	3642
7	1	3	MSJ5	999686.92	434303.98	3643
7	1	3	MSJ6	999707.91	434312.00	3643
7	1	3	MSJ7	999887.02	433433.06	3642
7	1	3	MSJ 8	999403.97	434051.63	3642
7	1	3	MSJ9	999706.20	434575.89	3651
7	1	3	MSM1	996878.03	438419.50	3673
7	1	3	MSM3	996779.25	438469.34	3675
7	1	3	MST1	999414.49	433950.40	3642
7	1	3	MST10	999597.81	434162.81	3642
7	1	3	MST11	999413.90	433729.13	3644
7	1	3	MST12	999533.82	433724.96	3642
7	1	3	MST13	999467.61	433532.10	3641
7	1	3	MST14	999599.59	434310.81	3642
7	1	3	MST15	999491.41	434385.01	3654
7	1	3	MST16	999561.87	434236.77	3642
7	1	3	MST17	999584.74	433413.00	3640
7	1	3	MST18	999530.10	434032.72	3642
7	1	3	MST19	999438.39	434462.83	3653
7	1	3	MST-2	1000322.87	437555.96	3669
7	1	3	MST20	999491.26	433624.00	3643
7	1	3	MST21	999447.52	433855.56	3643
7	1	3	MST22	999294.82	434602.47	3652
7	1	3	MST23	999536.39	434460.78	3648
7	1	3	MST24	999633.03	434455.83	3648
7	1	3	MST25	999696.72	434191.96	3643
7	1	3	MST26	999736.06	434467.56	3647
7	1	3	MST27	999982.36	433453.07	3641
7	1	3	MST28	1000243.68	433882.78	3648
7	1	3	MST-3	999360.41	437396.36	3663
7	1	3	MST-4	999954.87	437842.99	3665
7	1	3	MST8	999418.55	434305.58	3652
7	1	3	MST 9	999463.83	434155.63	3643

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	3	RONR34	1001313.06	434512.99	3682
7	1	3	RONT70	1000589.53	433343.65	3652
7	1	4	MSM2	996616.10	438595.71	3682
7	1	2	D1	1006017.76	438024.98	3750
7	1	2	D10	1005968.82	437950.07	3757
7	1	2	D103	1006545.27	437868.57	3781
7	1	2	D104	1006593.13	438175.24	3793
7	1	2	D105	1006615.23	438182.75	3793
7	1	2	D106	1006629.59	438209.55	3792
7	1	2	D11	1006061.91	438203.99	3762
7	1	2	D14	1006049.66	438026.27	3758
7	1	2	D2	1005948.16	438056.10	3750
7	1	2	D20	1005950.38	438023.10	3750
7	1	2	D21	1006000.96	438061.22	3750
7	1	2	D28	1005921.98	437979.39	3750
7	1	2	D4	1006025.52	437976.67	3750
7	1	2	D43	1006759.31	438122.31	3794
7	1	2	D44	1006758.77	438136.50	3794
7	1	2	D45	1006783.76	438134.60	3794
7	1	2	D46	1006761.86	438108.54	3794
7	1	2	D46A	1006786.92	438105.13	3794
7	1	2	D46B	1006816.35	438109.21	3800
7	1	2	D47	1006760.94	438089.40	3794
7	1	2	D48	1006853.68	438152.28	3800
7	1	2	D49	1006853.64	438140.62	3800
7	1	2	D5	1006063.28	437950.86	3766
7	1	2	D50	1006852.59	438127.67	3800
7	1	2	D50A	1006856.33	438111.66	3800
7	1	2	D6	1006035.23	437936.64	3757
7	1	2	D69	1006319.36	438304.03	3782
7	1	2	D7	1006025.64	437912.85	3757
7	1	2	D70	1006321.53	438281.72	3782
7	1	2	D71	1006319.79	438265.82	3782
7	1	2	D72	1006312.96	438247.49	3782
7	1	2	D8	1006024.02	437893.62	3757
7	1	2	D9	1006019.90	437872.02	3757
7	1	2	DK10	1005867.40	437484.80	3750
7	1	2	DK11	1005828.68	437497.10	3750
7	1	2	DK12	1005939.14	437503.34	3751
7	1	2	DK122	1006384.32	437477.01	3761
7	1	2	DK123	1006035.92	436696.05	3744
7	1	2	DK13	1005890.51	437428.63	3744
7	1	2	DK137	1006361.03	433275.51	3800

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	2	DK14	1006418.98	437705.82	3780
7	1	2	DK145	1007047.51	433218.01	3808
7	1	2	DK15	1005240.14	436707.78	3722
7	1	2	DK19	1005908.56	437408.60	3744
7	1	2	DK20	1005936.33	437371.07	3752
7	1	2	DK21	1005739.73	437104.65	3739
7	1	2	DK22	1005559.95	436816.83	3732
7	1	2	DK23	1006253.44	435624.76	3753
7	1	2	DK24	1004797.72	436597.99	3719
7	1	2	DK26	1003979.31	434758.70	3725
7	1	2	DK28	1005551.45	436954.46	3733
7	1	2	DK29	1005809.87	437050.44	3741
7	1	2	DK3	1005372.87	437461.15	3735
7	1	2	DK30	1006072.58	437663.04	3762
7	1	2	DK31	1005838.51	437420.87	3744
7	1	2	DK32	1005692.19	437202.21	3740
7	1	2	DK35	1006294.07	438403.57	3777
7	1	2	DK37	1006125.34	437715.93	3768
7	1	2	DK4	1005387.83	437183.68	3728
7	1	2	DK45	1005954.52	437748.72	3760
7	1	2	DK46	1005655.94	437690.92	3744
7	1	2	DK47	1005728.10	437971.58	3746
7	1	2	DK48	1005935.67	437762.69	3760
7	1	2	DK49	1005782.36	437708.90	3748
7	1	2	DK5	1005592.96	437255.37	3739
7	1	2	DK50	1005964.07	437857.79	3757
7	1	2	DK51	1005584.91	438001.71	3743
7	1	2	DK52	1005642.67	437836.69	3742
7	1	2	DK53	1005545.19	438167.69	3742
7	1	2	DK56	1005950.13	437591.77	3760
7	1	2	DK58	1005975.00	437580.88	3760
7	1	2	DK59	1006019.08	437549.66	3751
7	1	2	DK6	1005802.63	437466.64	3750
7	1	2	DK60	1005963.37	437706.52	3760
7	1	2	DK61	1006013.14	437762.05	3760
7	1	2	DK62	1005926.61	437602.95	3760
7	1	2	DK63	1005860.59	437340.05	3744
7	1	2	DK64	1005758.41	437246.08	3740
7	1	2	DK65	1005976.16	437749.96	3760
7	1	2	DK66	1005957.80	437656.61	3760
7	1	2	DK67	1005647.62	437087.83	3737
7	1	2	DK68	1004521.28	436569.87	3733
7	1	2	DK69	1005974.39	437687.38	3760

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	2	DK7	1005567.40	437662.13	3744
7	1	2	DK70	1005887.96	437530.10	3750
7	1	2	DK8	1005020.28	437576.50	3721
7	1	2	DK9	1005124.69	437144.19	3723
7	1	2	DM1113	1006080.04	436879.09	3748
7	1	2	DM1114	1006081.15	437370.99	3752
7	1	2	DM1203	1006121.52	437287.45	3750
7	1	2	DM1235	1006355.97	438213.94	3782
7	1	2	DM1236	1006483.32	438153.73	3784
7	1	2	DM1254	1006163.26	438290.02	3765
7	1	2	DP249	1005782.14	438415.29	3746
7	1	2	DP250	1005971.86	438409.46	3755
7	1	2	DP251	1006380.68	438401.16	3777
7	1	2	DR924	1007317.21	437813.60	3835
7	1	2	DR925	1007275.75	437821.96	3824
7	1	2	DRA33	1005670.41	437543.17	3746
7	1	2	DRA34	1004870.18	437181.03	3716
7	1	2	DRA36	1006497.87	438001.15	3781
7	1	2	DRA39	1004322.87	437018.53	3711
7	1	2	DRA42	1002013.72	434903.36	3677
7	1	2	DRJ10	1007054.57	435079.41	3782
7	1	2	DRJ100	1007167.53	438228.27	3822
7	1	2	DRJ102	1006624.54	438148.90	3793
7	1	2	DRJ105	1006613.53	438198.00	3793
7	1	2	DRJ116	1007250.83	438161.72	3833
7	1	2	DRJ13	1007224.58	434954.13	3795
7	1	2	DRJ14	1007016.28	435544.08	3779
7	1	2	DRJ16	1006952.94	435584.64	3783
7	1	2	DRJ17	1006894.05	435639.43	3779
7	1	2	DRJ18	1006914.20	435538.74	3774
7	1	2	DRJ19	1006893.82	435678.33	3779
7	1	2	DRJ38	1006760.51	435656.89	3772
7	1	2	DRJ39	1006714.41	435610.30	3772
7	1	2	DRJ40	1006683.30	435661.06	3772
7	1	2	DRJ41	1006591.17	435697.19	3768
7	1	2	DRJ42	1006587.59	435747.44	3768
7	1	2	DRJ43	1006616.64	435765.09	3768
7	1	2	DRJ44	1006652.45	435792.81	3768
7	1	2	DRJ45	1006722.95	435737.16	3774
7	1	2	DRJ46	1006704.45	435788.75	3774
7	1	2	DRJ47	1006729.43	435818.17	3774
7	1	2	DRJ48	1006732.88	435676.77	3772
7	1	2	DRJ64	1006556.17	438290.34	3792

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	2	DRJ7	1007210.85	435006.08	3795
7	1	2	DRJ72	1006640.07	434315.28	3768
7	1	2	DRJ73	1006363.66	434304.49	3768
7	1	2	DRJ74	1006381.02	434672.07	3759
7	1	2	DRJ75	1006718.14	434603.56	3775
7	1	2	DRJ76	1006535.57	434914.34	3760
7	1	2	DRJ77	1006460.32	435353.32	3759
7	1	2	DRJ78	1006776.18	434857.58	3768
7	1	2	DRJ79	1006651.61	435128.31	3769
7	1	2	DRJ8	1007139.94	435156.76	3782
7	1	2	DRJ80	1006663.40	435514.19	3764
7	1	2	DRJ81	1006818.94	434722.96	3773
7	1	2	DRJ82	1006783.91	435299.60	3762
7	1	2	DRJ83	1006829.25	434607.30	3778
7	1	2	DRJ84	1006687.48	434467.85	3778
7	1	2	DRJ85	1006723.68	435009.29	3766
7	1	2	DRJ86	1006719.76	435211.28	3762
7	1	2	DRJ87	1006735.93	435400.39	3764
7	1	2	DRJ88	1006772.89	435684.72	3772
7	1	2	DRJ9	1007100.48	435185.85	3782
7	1	2	DRJ94	1006307.88	438364.45	3777
7	1	2	DRJ95	1006541.74	438129.69	3784
7	1	2	DRJ96	1007325.69	438077.37	3836
7	1	2	DRJ97	1006427.99	438313.43	3792
7	1	2	DRJ99	1006588.04	438258.96	3792
7	1	2	DRM2	1006380.67	438233.87	3782
7	1	2	DRM3	1006279.25	433304.52	3795
7	1	2	DRM4	1006713.04	434033.81	3777
7	1	2	DRM7	1006542.26	434200.73	3769
7	1	2	DRR100	1007044.98	437446.04	3798
7	1	2	DRR101	1007068.03	436587.63	3814
7	1	2	DRR102	1007201.87	436516.11	3798
7	1	2	DRR103	1007220.92	436573.43	3821
7	1	2	DRR104	1007158.80	436465.59	3801
7	1	2	DRR105	1007148.60	436541.30	3801
7	1	2	DRR106	1007276.11	436556.61	3798
7	1	2	DRR107	1007261.22	436511.23	3798
7	1	2	DRR108	1007125.64	436584.03	3814
7	1	2	DRR109	1007151.16	436653.24	3814
7	1	2	DRR110	1007263.88	436381.00	3799
7	1	2	DRR112	1007209.64	435992.77	3801
7	1	2	DRR113	1007098.97	436102.35	3785
7	1	2	DRR114	1007198.77	436257.31	3801

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	2	DRR115	1007039.64	437147.89	3808
7	1	2	DRR116	1007106.23	436809.63	3813
7	1	2	DRR117	1006977.75	437082.07	3808
7	1	2	DRR118	1007001.25	436224.03	3779
7	1	2	DRR119	1007034.27	436948.75	3803
7	1	2	DRR120	1006984.13	436329.55	3793
7	1	2	DRR121	1007021.91	436853.65	3803
7	1	2	DRR122	1007070.66	437048.84	3815
7	1	2	DRR123	1006889.24	436265.84	3772
7	1	2	DRR124	1006967.85	436436.83	3793
7	1	2	DRR125	1006914.11	436527.00	3784
7	1	2	DRR126	1006846.57	436429.16	3782
7	1	2	DRR127	1006807.47	436334.65	3782
7	1	2	DRR128	1006735.20	436405.52	3773
7	1	2	DRR129	1006699.50	436303.56	3772
7	1	2	DRR130	1006796.79	436181.49	3783
7	1	2	DRR131	1006689.37	436177.27	3783
7	1	2	DRR132	1006907.04	435474.78	3774
7	1	2	DRR133	1007076.10	435458.57	3788
7	1	2	DRR40	1006748.68	437767.64	3802
7	1	2	DRR42	1006639.09	437770.49	3791
7	1	2	DRR45	1006511.92	437761.33	3783
7	1	2	DRR46	1006841.82	437768.39	3808
7	1	2	DRR48	1006923.01	437812.97	3808
7	1	2	DRR50	1006941.89	437767.67	3813
7	1	2	DRR51	1006978.08	437818.58	3813
7	1	2	DRR52	1006903.33	437859.17	3801
7	1	2	DRR53	1007063.71	437805.01	3823
7	1	2	DRR55	1006938.38	437710.30	3813
7	1	2	DRR56	1007121.81	437788.71	3823
7	1	2	DRR59	1006881.28	437687.36	3802
7	1	2	DRR60	1007182.87	437797.05	3824
7	1	2	DRR63	1007235.40	437804.12	3824
7	1	2	DRR65	1007300.68	437730.74	3835
7	1	2	DRR66	1007196.37	437704.20	3824
7	1	2	DRR75	1006989.60	437714.63	3813
7	1	2	DRR80	1006928.01	437643.88	3812
7	1	2	DRR83	1006841.77	437563.48	3801
7	1	2	DRR89	1006989.22	437514.59	3814
7	1	2	DRR93	1006950.83	437380.65	3798
7	1	2	DRR97	1007059.00	437294.66	3803
7	1	2	DRR98	1006981.37	436626.57	3803
7	1	2	DRR99	1007078.85	437243.64	3803

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	2	DRT100	1007087.24	434081.86	3791
7	1	2	DRT102	1006058.42	433807.81	3792
7	1	2	DRT91	1001942.45	433919.09	3690
7	1	2	DRT92	1002903.07	434178.46	3682
7	1	2	DRT93	1003835.07	434472.51	3715
7	1	2	DRT95	1003947.77	433234.55	3704
7	1	2	DRT97	1006145.77	434693.51	3753
7	1	2	DS532	1006660.97	437999.65	3792
7	1	2	DS702	1006833.56	437672.03	3802
7	1	2	DS703	1006519.34	437700.26	3779
7	1	2	DS704	1006148.09	437735.90	3768
7	1	2	DS705	1005790.70	437629.34	3748
7	1	2	DS706	1005637.67	437375.31	3742
7	1	2	DS708	1005672.75	437479.46	3746
7	1	2	DS709	1005656.65	436655.58	3734
7	1	2	DS710	1005723.76	436580.55	3737
7	1	2	DS711	1005629.37	436550.88	3735
7	1	2	DS712	1004450.69	436502.83	3733
7	1	2	DS729	1006064.16	433267.38	3789
7	1	2	DW30	1005955.63	437782.01	3760
7	1	2	DW34	1006971.56	438303.04	3820
7	1	2	DW37	1006945.23	438371.49	3801
7	1	2	EN82	1006189.87	437309.23	3756
7	1	2	Oil Well	1006501.96	433753.94	3794
7	1	11	FBM 161	1004216.85	429778.29	3712
7	1	11	FBM 68	1004196.91	429752.54	3712
7	1	11	FBM 71	1004106.08	429736.25	3712
7	1	11	FBM 74	1004056.38	429739.56	3712
7	1	11	FBM 72	1004070.10	429689.85	3712
7	1	11	FBT 50	1004109.84	429706.51	3712
7	1	11	FBM 70	1004162.02	429714.39	3712
7	1	11	FBM 162	1004188.74	429710.03	3712
7	1	11	FBM 69	1004219.10	429689.47	3712
7	1	11	FBR 2	1004174.22	429674.04	3712
7	1	11	FBM 163	1004109.91	429650.87	3710
7	1	11	FBS 89	1004083.13	429640.96	3710
7	1	11	FBT 56	1004141.33	429607.97	3710
7	1	11	FBS 90	1004079.46	429588.47	3710
7	1	11	B 4	1004027.44	429040.50	3692
7	1	11	FBJ 135	1004463.00	430370.85	3737
7	1	11	FBJ 130	1004598.41	430283.60	3739
7	1	11	FBK 33	1004532.80	430278.69	3739
7	1	11	FBT 207	1004440.96	430261.04	3739

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	11	FBT 9	1004580.02	430213.71	3739
7	1	11	FBM 57	1004633.97	430189.54	3739
7	1	11	FBM 54	1004504.79	430194.17	3739
7	1	11	FBJ 26	1004381.36	430194.30	3734
7	1	11	FBM 58	1004579.59	430168.66	3732
7	1	11	FBJ 45	1004420.57	430148.41	3731
7	1	11	FBT 187	1004360.65	430141.28	3726
7	1	11	FBR 45	1004524.34	430133.53	3731
7	1	11	FBT 186	1004619.33	430127.78	3732
7	1	11	FBT 20	1004393.83	430103.16	3726
7	1	11	FBJ 20	1004497.57	430077.50	3731
7	1	11	FBR 3	1004584.37	430091.09	3732
7	1	11	FBM 59	1004543.15	430070.09	3732
7	1	11	FBR 44	1004447.74	430065.07	3731
7	1	11	FBM 180	1004618.17	430034.92	3723
7	1	11	FBM 169	1004326.38	430009.04	3718
7	1	11	FBT 64	1004412.15	430004.52	3718
7	1	11	FBM 60	1004470.58	429990.46	3721
7	1	11	FBS 78	1004524.92	429980.15	3721
7	1	11	FBS 79	1004580.19	429979.29	3723
7	1	11	FBM 61	1004422.83	429954.58	3721
7	1	11	FBM 62	1004362.45	429953.16	3718
7	1	11	FBM 96	1004344.06	429924.18	3718
7	1	11	FBT 41	1004418.13	429929.72	3721
7	1	11	FBS 77	1004492.98	429934.48	3721
7	1	11	FBT 57	1004559.92	429943.11	3723
7	1	11	FBS 80	1004617.89	429929.59	3723
7	1	11	FBS 87	1004531.20	429901.06	3724
7	1	11	FBM 158	1004377.07	429889.73	3716
7	1	11	FBS 88	1004447.69	429886.67	3724
7	1	11	FBM 155	1004581.40	429876.07	3727
7	1	11	FBM 183	1004462.40	429852.08	3724
7	1	11	FBM 170	1004496.16	429814.36	3724
7	1	11	FBT 89	1004460.38	429827.61	3724
7	1	11	682.6	1004420.52	429811.71	3724
7	1	11	FBM 166	1004357.26	429830.44	3716
7	1	11	FBR 1	1004376.24	429792.45	3715
7	1	11	FBM 171	1004334.41	429768.94	3715
7	1	11	FBJ 32	1004844.05	430353.40	3760
7	1	11	FBT 8	1004719.45	430339.63	3749
7	1	11	FBT 3	1004793.20	430331.44	3760
7	1	11	FBT 198	1004894.41	430268.40	3743
7	1	11	FBT 188	1004804.19	430277.68	3743

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	11	FBT 22	1004748.33	430250.64	3736
7	1	11	FBM 200	1004932.24	430227.95	3743
7	1	11	FBK 37	1004842.57	430230.69	3743
7	1	11	FBT 2	1004675.21	430223.71	3736
7	1	11	FBT 63	1004756.26	430200.48	3736
7	1	11	FBM 56	1004689.63	430190.63	3736
7	1	11	FBM 186	1004799.66	430179.88	3743
7	1	11	FBS 86	1004910.07	430170.34	3743
7	1	11	FBM 155	1004746.25	430162.52	3731
7	1	11	FBT 123	1004863.38	430143.99	3739
7	1	11	FBM 202	1004667.77	430144.07	3731
7	1	11	FBM 51	1004846.30	430137.08	3739
7	1	11	FBM 185	1004706.56	430130.63	3731
7	1	11	FBM 53	1004819.81	430117.25	3739
7	1	11	FBK 32	1004896.32	430112.46	3739
7	1	11	FBM 54	1004758.66	430100.42	3731
7	1	11	FBM 174	1004921.83	430099.53	3745
7	1	11	FBM 173	1004668.23	430087.68	3731
7	1	11	FBS 85	1004843.48	430072.53	3739
7	1	11	FBS 84	1004761.20	430047.13	3731
7	1	11	FBS 83	1004711.75	430033.87	3735
7	1	11	FBS 82	1004666.82	430010.36	3735
7	1	11	FBM 157	1004719.01	429994.37	3735
7	1	11	FBT 91	1004912.40	429991.96	3742
7	1	11	FBS 81	1004659.33	429951.25	3723
7	1	11	FBM 156	1004700.24	429924.23	3735
7	1	11	FBT 90	1004631.93	429868.96	3727
7	1	11	FBM 153	1004965.34	430336.37	3763
7	1	11	FBJ 98	1005159.26	430316.71	3752
7	1	11	FBT 206	1005004.86	430294.68	3743
7	1	11	FBJ 104	1005189.31	430226.10	3741
7	1	11	FBJ 85	1005103.72	430227.97	3754
7	1	11	FBK 4	1005042.81	430216.27	3754
7	1	11	FBT 18	1005123.48	430184.59	3754
7	1	11	FBT 61	1005015.75	430169.37	3745
7	1	11	FBM 107	1005070.68	430152.02	3752
7	1	11	FBK 31	1005134.79	430134.32	3752
7	1	11	FBM 108	1004956.77	430138.81	3745
7	1	11	FBK 40	1005031.40	430103.65	3745
7	1	11	FBK 24	1005220.66	430087.91	3746
7	1	11	FBR 4	1005172.39	430077.69	3746
7	1	11	FBM 176	1005083.21	430063.41	3752
7	1	11	FBM 177	1004944.85	430042.44	3747

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	11	FBM 181	1004995.66	430036.46	3747
7	1	11	FBM 102	1005213.36	430029.70	3741
7	1	11	FBT 40	1005066.03	430019.87	3745
7	1	11	FBK 20	1004997.74	430003.05	3747
7	1	11	FBT 28	1005125.94	429991.34	3745
7	1	11	FBM 50	1005087.29	429976.44	3745
7	1	11	FBK 7	1005168.90	429971.04	3741
7	1	11	FBT 124	1005219.86	429943.83	3741
7	1	11	FBM 105	1005187.72	429929.23	3741
7	1	11	FBT 88	1005073.98	429931.46	3745
7	1	11	FBK 21	1004997.07	429919.15	3747
7	1	11	FBM 106	1005152.60	429900.23	3741
7	1	11	FBK 22	1005210.95	429887.25	3735
7	1	11	FBJ 87	1005355.52	430287.83	3736
7	1	11	FBJ 75	1005487.98	430269.88	3730
7	1	11	FBM 203	1005372.71	430211.25	3736
7	1	11	FBA 7	1005515.41	430205.39	3730
7	1	11	FBJ 81	1005387.45	430185.61	3736
7	1	11	FBJ 62	1005505.95	430157.50	3731
7	1	11	FBK 36	1005441.65	430130.23	3731
7	1	11	FBK 30	1005308.67	430136.19	3737
7	1	11	FBM 115	1005232.31	430137.71	3746
7	1	11	FBM 188	1005429.70	430097.95	3731
7	1	11	FBK 25	1005373.09	430079.11	3737
7	1	11	FBM 114	1005293.80	430076.75	3737
7	1	11	FBR 26	1005502.08	430032.03	3736
7	1	11	FBT 58	1005324.54	430032.97	3742
7	1	11	FBK 35	1005434.74	430019.82	3736
7	1	11	FBR 5	1005402.24	429980.09	3742
7	1	11	FBK 16	1005273.53	429982.74	3741
7	1	11	FBB-1	1005246.96	429975.34	3741
7	1	11	FBM 103	1005348.46	429968.55	3742
7	1	11	FBM 52	1005462.36	429954.23	3736
7	1	11	FBT 87	1005369.83	429932.32	3742
7	1	11	FBT 65	1005301.99	429925.66	3742
7	1	11	FBK 23	1005406.20	429921.84	3742
7	1	11	FBS 94	1005439.02	429894.14	3738
7	1	11	FBT 24	1005275.47	429876.22	3735
7	1	11	FBM 104	1005330.51	429867.38	3742
7	1	11	FBS 91	1005505.29	429869.55	3738
7	1	11	FBS 92	1005462.65	429849.79	3738
7	1	11	FBM 187	1005223.91	429812.97	3735
7	1	11	FBM 109	1005287.06	429807.56	3735

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Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	11	FBT 29	1005362.21	429806.14	3742
7	1	11	FBR 66	1005454.84	429784.19	3734
7	1	11	FBT 60	1005238.59	429763.98	3731
7	1	11	FBT 21	1005355.29	429733.49	3736
7	1	11	FBM 110	1005297.55	429716.29	3736
7	1	11	FBJ 143	1005488.19	429712.83	3734
7	1	11	FBR 56	1005411.52	429687.88	3736
7	1	11	FBM 191	1005350.94	429666.54	3732
7	1	11	FBR 67	1005505.18	429656.30	3724
7	1	11	FBT 23	1005374.81	429622.51	3732
7	1	11	FBR 8	1005417.48	429573.20	3724
7	1	11	FBM 111	1005285.99	429549.48	3722
7	1	11	FBT 27	1005358.02	429544.81	3732
7	1	11	FBM 113	1005422.45	429521.16	3720
7	1	11	FBM 112	1005471.76	429497.13	3720
7	1	11	FBW 9	1005411.87	429472.26	3723
7	1	11	FBM 190	1005420.75	429467.15	3720
7	1	11	FBS 73	1005479.16	429427.00	3720
7	1	11	FBS 72	1005432.94	429400.13	3717
7	1	11	FBT 66	1005488.01	429364.13	3717
7	1	11	PM 192	1005375.66	428885.29	3712
7	1	11	FBJ 83	1005585.96	430320.76	3741
7	1	11	FBJ 70	1005768.09	430287.70	3747
7	1	11	FBJ 82	1005801.89	430248.30	3746
7	1	11	FBJ 69	1005606.11	430250.71	3743
7	1	11	FBJ 67	1005720.20	430199.95	3747
7	1	11	FBJ 61	1005627.72	430150.13	3737
7	1	11	FBJ 68	1005723.89	430108.61	3741
7	1	11	FBK 26	1005535.30	430090.06	3731
7	1	11	FBJ 56	1005574.34	430056.96	3737
7	1	11	FBK 27	1005622.54	429997.18	3723
7	1	11	FBJ 50	1005645.13	429964.97	3723
7	1	11	FBK 28	1005713.77	429901.99	3719
7	1	11	FBM 16	1005552.83	429889.68	3729
7	1	11	FBS 66	1005590.35	429855.90	3729
7	1	11	FBK 10	1005603.90	429786.20	3726
7	1	11	FBS 67	1005642.84	429778.93	3726
7	1	11	FBM 17	1005715.68	429793.15	3719
7	1	11	FBS 68	1005775.97	429697.00	3714
7	1	11	FBS 69	1005671.73	429673.19	3714
7	1	11	FBS 70	1005696.79	429567.54	3709
7	1	11	FBS 71	1005615.61	429509.82	3717
7	1	11	FBT 59	1005511.98	429460.92	3720

Appendix 3.2-A

Historical TVA Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	11	FBS 74	1005552.71	429439.18	3717
7	1	11	FBS 75	1005584.66	429385.88	3715
7	1	11	FBS 76	1005659.15	429358.99	3715
7	1	11	FBM 116	1005529.81	429351.36	3717
7	1	11	FBS 93	1005604.63	429344.59	3715
7	1	11	FBT 67	1005525.54	429302.22	3717
7	1	11	FBM 201	1005633.66	429295.72	3715
7	1	11	FBT 26	1005575.50	429275.49	3713
7	1	11	FBR 27	1005669.01	429254.12	3706
7	1	11	FBM 117	1005593.58	429245.13	3713
7	1	11	FBT 68	1005553.17	429217.86	3713
7	1	11	FBM 119	1005625.21	429177.37	3713
7	1	11	FBM 118	1005559.45	429175.49	3713
7	1	11	FBR 33	1005578.64	429136.59	3705
7	1	11	FBW 7	1005734.11	429128.04	3698
7	1	1	TP-1	1008136.03	435342.45	3864
7	1	3	TP54A	999375.83	435354.66	3652
7	1	3	TT11WDR	1000743.81	438538.95	3677

Appendix 3.2-A
Powertech (USA) Inc. Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
6	1	29	DB07-29-1C	989710.67	445311.54	3648
6	1	29	DB07-29-2	988763.49	445978.31	3668
6	1	29	DB07-29-3	988293.63	446511.27	3672
6	1	29	DB07-29-4	988483.95	446261.89	3673
6	1	29	DB07-29-5	988396.13	446394.73	3672
6	1	29	DB07-29-6	988350.13	446453.73	3672
6	1	29	DB07-29-7	988641.13	446124.73	3673
6	1	29	DB07-29-2	988801.30	445978.00	3668
6	1	29	DB07-29-7	988664.87	446110.89	3671
6	1	29	DB07-29-4	988522.53	446255.73	3673
6	1	29	DB07-29-5	988424.99	446384.20	3672
6	1	29	DB07-29-6	988324.84	446436.14	3670
6	1	29	DB07-29-3	988339.95	446508.20	3672
6	1	29	DB07-29-1C	989763.26	445309.65	3648
6	1	32	DB07-32-1C	988811.80	443727.69	3629
6	1	32	DB07-32-2C	988794.21	443098.67	3624
6	1	32	DB07-32-3C	988733.90	443715.57	3629
6	1	32	DB07-32-4C	989096.34	443417.70	3629
6	1	32	DB07-32-5	988489.99	443736.69	3628
6	1	32	DB 07-32-6	987200.61	440240.62	3600
6	1	32	DB 08-32-7	987359.57	440122.86	3593
6	1	32	DB07-32-2C	988830.86	443086.37	3624
6	1	32	DB 08-32-8	987425.95	440058.70	3590
6	1	32	DB07-32-9C	988795.95	443670.41	3629
6	1	32	DB07-32-10	988749.61	443787.95	3630
6	1	32	DB07-32-11	988738.55	443665.55	3629
6	1	32	DB 08-32-12	990771.76	439361.88	3592
6	1	32	DB 08-32-13	990753.76	439324.10	3595
6	1	32	DB 08-32-13	990796.27	439324.10	3595
6	1	32	DB 08-32-13	990728.11	439361.47	3592
6	1	32	DB 07-32-6	987228.46	440222.70	3596
6	1	32	DB 07-32-7	987383.99	440113.69	3593
6	1	32	DB 08-32-8	987451.11	440070.22	3590
6	1	32	DB07-32-3C	988757.60	443725.77	3629
6	1	32	DB07-32-1C	988840.51	443719.99	3629
6	1	32	DB07-32-9C	988837.96	443665.83	3629
6	1	32	DB07-32-11	988775.49	443663.22	3629
6	1	32	DB07-32-10	988726.90	443802.72	3630
6	1	32	DB07-32-5	988523.66	443737.46	3628
6	1	32	DB07-32-4C	989147.81	443410.78	3629
7	1	1	DB07-1-1	1007826.27	433940.25	3831
7	1	1	DB07-1-2	1007775.00	433841.45	3823
7	1	1	DB07-1-3	1007682.54	433796.91	3821

Appendix 3.2-A
Powertech (USA) Inc. Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	1	DB07-1-4	1007393.95	433185.26	3801
7	1	1	DB07-1-5	1007266.02	433268.37	3806
7	1	1	DB 08-1-6	1012133.32	433340.73	3823
7	1	3	DB 07-3-1	999438.83	434089.55	3643
7	1	3	DB 07-3-2	999495.44	434193.67	3652
7	1	3	DB 07-3-3	999524.35	434272.30	3642
7	1	3	DB 07-3-4	999886.04	435149.20	3654
7	1	3	DB 08-3-5	1000165.70	434885.67	3652
7	1	10	DB 07-10-2	1000202.06	428535.38	3644
7	1	10	DB 07-10-3	1000198.64	428617.32	3646
7	1	10	DB 07-10-5	1000209.17	428830.20	3641
7	1	10	DB 07-10-7	1000287.37	430922.80	3653
7	1	10	DB 07-10-9	1001177.31	430776.90	3665
7	1	10	DB 07-10-10	1001196.00	430915.23	3665
7	1	10	DB 07-10-11	1001196.70	431042.48	3664
7	1	10	DB 07-10-13	1000020.33	432148.32	3642
7	1	10	DB 07-10-14	1000118.49	432154.99	3642
7	1	10	DB 07-10-15	1000220.55	432147.19	3643
7	1	10	DB 07-10-17	999859.59	432684.95	3642
7	1	10	DB 07-10-19	999936.68	432687.28	3642
7	1	10	DB 07-10-20	999994.64	432687.52	3642
7	1	10	DB 07-10-21	1000051.52	432683.30	3642
7	1	10	DB07-10-23	1000357.74	429713.46	3662
7	1	10	DB07-10-24	1000264.16	429770.12	3662
7	1	10	DB07-10-25	1000191.89	429794.58	3670
7	1	10	DB07-10-26	1000093.45	429844.91	3675
7	1	10	DB 07-10-28	1000460.10	430081.05	3667
7	1	10	DB 07-10-40	1000338.21	432893.30	3646
7	1	10	DB 07-10-42	1000431.59	433032.36	3648
7	1	10	DB 07-10-43	1000467.45	433097.11	3646
7	1	10	DB 07-10-1	1000211.06	428442.73	3644
7	1	10	DB 07-10-4	1000472.55	430985.10	3649
7	1	10	DB 07-10-6	1000370.04	430919.99	3653
7	1	10	DB 07-10-8	1000231.95	430910.14	3657
7	1	10	DB 07-10-27	1001216.90	430832.69	3665
7	1	10	DB 07-10-12	999916.90	432155.95	3641
7	1	10	DB 07-10-22	1000122.22	432680.66	3642
7	1	10	DB 07-10-41	1000358.15	432962.61	3645
7	1	11	DB07-11-1	1003677.39	431258.20	3734
7	1	11	DB07-11-2	1003566.27	431276.05	3725
7	1	11	DB07-11-3	1003433.01	431282.70	3720
7	1	11	DB07-11-4C	1003490.77	429994.44	3703
7	1	11	DB07-11-5	1003280.02	431905.46	3711

Appendix 3.2-A
Powertech (USA) Inc. Drill Holes within Permit Area and within 1 Mile of Permit Boundary

Township	Range	Section	Hole ID	SD State Plane 1983		Surface Elevation (ft)
				East (ft)	North (ft)	
7	1	11	DB07-11-6	1003403.97	431895.76	3710
7	1	11	DB07-11-7	1003535.39	431893.21	3721
7	1	11	DB07-11-8	1004037.50	432703.58	3724
7	1	11	DB07-11-9	1004144.37	432698.15	3724
7	1	11	DB07-11-10	1004259.93	432694.31	3719
7	1	11	DB 07-11-28	1006436.87	429889.51	3730
7	1	11	DB 07-11-29	1006509.56	429916.21	3730
7	1	11	DB 07-11-30	1006613.59	429964.88	3734
7	1	11	DB 07-11-31	1006712.76	430000.05	3742
7	1	11	DB07-11-11C	1003490.66	429971.87	3703
7	1	11	DB 07-11-12	1006107.25	430210.56	3751
7	1	11	DB07-11-13	1006113.30	430395.42	3750
7	1	11	DB 07-11-14C	1003621.20	429769.16	3692
7	1	11	DB07-11-15	1003388.92	429772.53	3697
7	1	11	DB 07-11-16C	1003548.70	429991.20	3700
7	1	11	DB 07-11-13	1006117.79	430394.50	3750
7	1	11	DB07-11-17	1003441.21	429977.44	3703
7	1	12	DB 07-12-4	1009330.74	431846.37	3783
7	1	12	DB 07-12-3	1009542.52	431766.83	3763
7	1	12	DB 07-12-6	1007213.13	429793.83	3753
7	1	15	DB 07-15-1C	1000124.72	427802.64	3629
7	1	15	DB 08-15-2	996927.78	427262.90	3604
7	1	15	DB 08-15-3	996957.74	427152.75	3603