

U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY



Plate 24A. Location of wellsite, survey locations and elevations, sample point locations and names, and physical and chemical properties of water, 1989, Tunalik

PLATE 24A

TUNALIK
DRILLING SITE
NATIONAL PETROLEUM RESERVE IN ALASKA

0 50 100 FEET

EXPLANATION

TEMPERATURE IN DEGREES CELSIUS
14.6 19.4 23.2 27.0 30.8 34.6 38.4 42.2 46.0 49.8 53.6 57.4 61.2 65.0 68.8 72.6 76.4 80.2 84.0 87.8 91.6 95.4 99.2 103.0 106.8 110.6 114.4 118.2 122.0 125.8 129.6 133.4 137.2 141.0 144.8 148.6 152.4 156.2 160.0 163.8 167.6 171.4 175.2 179.0 182.8 186.6 190.4 194.2 198.0 201.8 205.6 209.4 213.2 217.0 220.8 224.6 228.4 232.2 236.0 239.8 243.6 247.4 251.2 255.0 258.8 262.6 266.4 270.2 274.0 277.8 281.6 285.4 289.2 293.0 296.8 300.6 304.4 308.2 312.0 315.8 319.6 323.4 327.2 331.0 334.8 338.6 342.4 346.2 350.0 353.8 357.6 361.4 365.2 369.0 372.8 376.6 380.4 384.2 388.0 391.8 395.6 399.4 403.2 407.0 410.8 414.6 418.4 422.2 426.0 429.8 433.6 437.4 441.2 445.0 448.8 452.6 456.4 460.2 464.0 467.8 471.6 475.4 479.2 483.0 486.8 490.6 494.4 498.2 502.0 505.8 509.6 513.4 517.2 521.0 524.8 528.6 532.4 536.2 540.0 543.8 547.6 551.4 555.2 559.0 562.8 566.6 570.4 574.2 578.0 581.8 585.6 589.4 593.2 597.0 600.8 604.6 608.4 612.2 616.0 619.8 623.6 627.4 631.2 635.0 638.8 642.6 646.4 650.2 654.0 657.8 661.6 665.4 669.2 673.0 676.8 680.6 684.4 688.2 692.0 695.8 699.6 703.4 707.2 711.0 714.8 718.6 722.4 726.2 730.0 733.8 737.6 741.4 745.2 749.0 752.8 756.6 760.4 764.2 768.0 771.8 775.6 779.4 783.2 787.0 790.8 794.6 798.4 802.2 806.0 809.8 813.6 817.4 821.2 825.0 828.8 832.6 836.4 840.2 844.0 847.8 851.6 855.4 859.2 863.0 866.8 870.6 874.4 878.2 882.0 885.8 889.6 893.4 897.2 901.0 904.8 908.6 912.4 916.2 920.0 923.8 927.6 931.4 935.2 939.0 942.8 946.6 950.4 954.2 958.0 961.8 965.6 969.4 973.2 977.0 980.8 984.6 988.4 992.2 996.0 1000.0

TEMPERATURE IN DEGREES CELSIUS
14.6 19.4 23.2 27.0 30.8 34.6 38.4 42.2 46.0 49.8 53.6 57.4 61.2 65.0 68.8 72.6 76.4 80.2 84.0 87.8 91.6 95.4 99.2 103.0 106.8 110.6 114.4 118.2 122.0 125.8 129.6 133.4 137.2 141.0 144.8 148.6 152.4 156.2 160.0 163.8 167.6 171.4 175.2 179.0 182.8 186.6 190.4 194.2 198.0 201.8 205.6 209.4 213.2 217.0 220.8 224.6 228.4 232.2 236.0 239.8 243.6 247.4 251.2 255.0 258.8 262.6 266.4 270.2 274.0 277.8 281.6 285.4 289.2 293.0 296.8 300.6 304.4 308.2 312.0 315.8 319.6 323.4 327.2 331.0 334.8 338.6 342.4 346.2 350.0 353.8 357.6 361.4 365.2 369.0 372.8 376.6 380.4 384.2 388.0 391.8 395.6 399.4 403.2 407.0 410.8 414.6 418.4 422.2 426.0 429.8 433.6 437.4 441.2 445.0 448.8 452.6 456.4 460.2 464.0 467.8 471.6 475.4 479.2 483.0 486.8 490.6 494.4 498.2 502.0 505.8 509.6 513.4 517.2 521.0 524.8 528.6 532.4 536.2 540.0 543.8 547.6 551.4 555.2 559.0 562.8 566.6 570.4 574.2 578.0 581.8 585.6 589.4 593.2 597.0 600.8 604.6 608.4 612.2 616.0 619.8 623.6 627.4 631.2 635.0 638.8 642.6 646.4 650.2 654.0 657.8 661.6 665.4 669.2 673.0 676.8 680.6 684.4 688.2 692.0 695.8 699.6 703.4 707.2 711.0 714.8 718.6 722.4 726.2 730.0 733.8 737.6 741.4 745.2 749.0 752.8 756.6 760.4 764.2 768.0 771.8 775.6 779.4 783.2 787.0 790.8 794.6 798.4 802.2 806.0 809.8 813.6 817.4 821.2 825.0 828.8 832.6 836.4 840.2 844.0 847.8 851.6 855.4 859.2 863.0 866.8 870.6 874.4 878.2 882.0 885.8 889.6 893.4 897.2 901.0 904.8 908.6 912.4 916.2 920.0 923.8 927.6 931.4 935.2 939.0 942.8 946.6 950.4 954.2 958.0 961.8 965.6 969.4 973.2 977.0 980.8 984.6 988.4 992.2 996.0 1000.0

TEMPERATURE IN DEGREES CELSIUS
14.6 19.4 23.2 27.0 30.8 34.6 38.4 42.2 46.0 49.8 53.6 57.4 61.2 65.0 68.8 72.6 76.4 80.2 84.0 87.8 91.6 95.4 99.2 103.0 106.8 110.6 114.4 118.2 122.0 125.8 129.6 133.4 137.2 141.0 144.8 148.6 152.4 156.2 160.0 163.8 167.6 171.4 175.2 179.0 182.8 186.6 190.4 194.2 198.0 201.8 205.6 209.4 213.2 217.0 220.8 224.6 228.4 232.2 236.0 239.8 243.6 247.4 251.2 255.0 258.8 262.6 266.4 270.2 274.0 277.8 281.6 285.4 289.2 293.0 296.8 300.6 304.4 308.2 312.0 315.8 319.6 323.4 327.2 331.0 334.8 338.6 342.4 346.2 350.0 353.8 357.6 361.4 365.2 369.0 372.8 376.6 380.4 384.2 388.0 391.8 395.6 399.4 403.2 407.0 410.8 414.6 418.4 422.2 426.0 429.8 433.6 437.4 441.2 445.0 448.8 452.6 456.4 460.2 464.0 467.8 471.6 475.4 479.2 483.0 486.8 490.6 494.4 498.2 502.0 505.8 509.6 513.4 517.2 521.0 524.8 528.6 532.4 536.2 540.0 543.8 547.6 551.4 555.2 559.0 562.8 566.6 570.4 574.2 578.0 581.8 585.6 589.4 593.2 597.0 600.8 604.6 608.4 612.2 616.0 619.8 623.6 627.4 631.2 635.0 638.8 642.6 646.4 650.2 654.0 657.8 661.6 665.4 669.2 673.0 676.8 680.6 684.4 688.2 692.0 695.8 699.6 703.4 707.2 711.0 714.8 718.6 722.4 726.2 730.0 733.8 737.6 741.4 745.2 749.0 752.8 756.6 760.4 764.2 768.0 771.8 775.6 779.4 783.2 787.0 790.8 794.6 798.4 802.2 806.0 809.8 813.6 817.4 821.2 825.0 828.8 832.6 836.4 840.2 844.0 847.8 851.6 855.4 859.2 863.0 866.8 870.6 874.4 878.2 882.0 885.8 889.6 893.4 897.2 901.0 904.8 908.6 912.4 916.2 920.0 923.8 927.6 931.4 935.2 939.0 942.8 946.6 950.4 954.2 958.0 961.8 965.6 969.4 973.2 977.0 980.8 984.6 988.4 992.2 996.0 1000.0

TEMPERATURE IN DEGREES CELSIUS
14.6 19.4 23.2 27.0 30.8 34.6 38.4 42.2 46.0 49.8 53.6 57.4 61.2 65.0 68.8 72.6 76.4 80.2 84.0 87.8 91.6 95.4 99.2 103.0 106.8 110.6 114.4 118.2 122.0 125.8 129.6 133.4 137.2 141.0 144.8 148.6 152.4 156.2 160.0 163.8 167.6 171.4 175.2 179.0 182.8 186.6 190.4 194.2 198.0 201.8 205.6 209.4 213.2 217.0 220.8 224.6 228.4 232.2 236.0 239.8 243.6 247.4 251.2 255.0 258.8 262.6 266.4 270.2 274.0 277.8 281.6 285.4 289.2 293.0 296.8 300.6 304.4 308.2 312.0 315.8 319.6 323.4 327.2 331.0 334.8 338.6 342.4 346.2 350.0 353.8 357.6 361.4 365.2 369.0 372.8 376.6 380.4 384.2 388.0 391.8 395.6 399.4 403.2 407.0 410.8 414.6 418.4 422.2 426.0 429.8 433.6 437.4 441.2 445.0 448.8 452.6 456.4 460.2 464.0 467.8 471.6 475.4 479.2 483.0 486.8 490.6 494.4 498.2 502.0 505.8 509.6 513.4 517.2 521.0 524.8 528.6 532.4 536.2 540.0 543.8 547.6 551.4 555.2 559.0 562.8 566.6 570.4 574.2 578.0 581.8 585.6 589.4 593.2 597.0 600.8 604.6 608.4 612.2 616.0 619.8 623.6 627.4 631.2 635.0 638.8 642.6 646.4 650.2 654.0 657.8 661.6 665.4 669.2 673.0 676.8 680.6 684.4 688.2 692.0 695.8 699.6 703.4 707.2 711.0 714.8 718.6 722.4 726.2 730.0 733.8 737.6 741.4 745.2 749.0 752.8 756.6 760.4 764.2 768.0 771.8 775.6 779.4 783.2 787.0 790.8 794.6 798.4 802.2 806.0 809.8 813.6 817.4 821.2 825.0 828.8 832.6 836.4 840.2 844.0 847.8 851.6 855.4 859.2 863.0 866.8 870.6 874.4 878.2 882.0 885.8 889.6 893.4 897.2 901.0 904.8 908.6 912.4 916.2 920.0 923.8 927.6 931.4 935.2 939.0 942.8 946.6 950.4 954.2 958.0 961.8 965.6 969.4 973.2 977.0 980.8 984.6 988.4 992.2 996.0 1000.0

TEMPERATURE IN DEGREES CELSIUS
14.6 19.4 23.2 27.0 30.8 34.6 38.4 42.2 46.0 49.8 53.6 57.4 61.2 65.0 68.8 72.6 76.4 80.2 84.0 87.8 91.6 95.4 99.2 103.0 106.8 110.6 114.4 118.2 122.0 125.8 129.6 133.4 137.2 141.0 144.8 148.6 152.4 156.2 160.0 163.8 167.6 171.4 175.2 179.0 182.8 186.6 190.4 194.2 198.0 201.8 205.6 209.4 213.2 217.0 220.8 224.6 228.4 232.2 236.0 239.8 243.6 247.4 251.2 255.0 258.8 262.6 266.4 270.2 274.0 277.8 281.6 285.4 289.2 293.0 296.8 300.6 304.4 308.2 312.0 315.8 319.6 323.4 327.2 331.0 334.8 338.6 342.4 346.2 350.0 353.8 357.6 361.4 365.2 369.0 372.8 376.6 380.4 384.2 388.0 391.8 395.6 399.4 403.2 407.0 410.8 414.6 418.4 422.2 426.0 429.8 433.6 437.4 441.2 445.0 448.8 452.6 456.4 460.2 464.0 467.8 471.6 475.4 479.2 483.0 486.8 490.6 494.4 498.2 502.0 505.8 509.6 513.4 517.2 521.0 524.8 528.6 532.4 536.2 540.0 543.8 547.6 551.4 555.2 559.0 562.8 566.6 570.4 574.2 578.0 581.8 585.6 589.4 593.2 597.0 600.8 604.6 608.4 612.2 616.0 619.8 623.6 627.4 631.2 635.0 638.8 642.6 646.4 650.2 654.0 657.8 661.6 665.4 669.2 673.0 676.8 680.6 684.4 688.2 692.0 695.8 699.6 703.4 707.2 711.0 714.8 718.6 722.4 726.2 730.0 733.8 737.6 741.4 745.2 749.0 752.8 756.6 760.4 764.2 768.0 771.8 775.6 779.4 783.2 787.0 790.8 794.6 798.4 802.2 806.0 809.8 813.6 817.4 821.2 825.0 828.8 832.6 836.4 840.2 844.0 847.8 851.6 855.4 859.2 863.0 866.8 870.6 874.4 878.2 882.0 885.8 889.6 893.4 897.2 901.0 904.8 908.6 912.4 916.2 920.0 923.8 927.6 931.4 935.2 939.0 942.8 946.6 950.4 954.2 958.0 961.8 965.6 969.4 973.2 977.0 980.8 984.6 988.4 992.2 996.0 1000.0

TEMPERATURE IN DEGREES CELSIUS
14.6 19.4 23.2 27.0 30.8 34.6 38.4 42.2 46.0 49.8 53.6 57.4 61.2 65.0 68.8 72.6 76.4 80.2 84.0 87.8 91.6 95.4 99.2 103.0 106.8 110.6 114.4 118.2 122.0 125.8 129.6 133.4 137.2 141.0 144.8 148.6 152.4 156.2 160.0 163.8 167.6 171.4 175.2 179.0 182.8 186.6 190.4 194.2 198.0 201.8 205.6 209.4 213.2 217.0 220.8 224.6 228.4 232.2 236.0 239.8 243.6 247.4 251.2 255.0 258.8 262.6 266.4 270.2 274.0 277.8 281.6 285.4 289.2 293.0 296.8 300.6 304.4 308.2 312.0 315.8 319.6 323.4 327.2 331.0 334.8 338.6 342.4 346.2 350.0 353.8 357.6 361.4 365.2 369.0 372.8 376.6 380.4 384.2 388.0 391.8 395.6 399.4 403.2 407.0 410.8 414.6 418.4 422.2 426.0 429.8 433.6 437.4 441.2 445.0 448.8 452.6 456.4 460.2 464.0 467.8 471.6 475.4 479.2 483.0 486.8 490.6 494.4 498.2 502.0 505.8 509.6 513.4 517.2 521.0 524.8 528.6 532.4 536.2 540.0 543.8 547.6 551.4 555.2 559.0 562.8 566.6 570.4 574.2 578.0 581.8 585.6 589.4 593.2 597.0 600.8 604.6 608.4 612.2 616.0 619.8 623.6 627.4 631.2 635.0 638.8 642.6 646.4 650.2 654.0 657.8 661.6 665.4 669.2 673.0 676.8 680.6 684.4 688.2 692.0 695.8 699.6 703.4 707.2 711.0 714.8 718.6 722.4 726.2 730.0 733.8 737.6 741.4 745.2 749.0 752.8 756.6 760.4 764.2 768.0 771.8 775.6 779.4 783.2 787.0 790.8 794.6 798.4 802.2 806.0 809.8 813.6 817.4 821.2 825.0 828.8 832.6 836.4 840.2 844.0 847.8 851.6 855.4 859.2 863.0 866.8 870.6 874.4 878.2 882.0 885.8 889.6 893.4 897.2 901.0 904.8 908.6 912.4 916.2 920.0 923.8 927.6 931.4 935.2 939.0 942.8 946.6 950.4 954.2 958.0 961.8 965.6 969.4 973.2 977.0 980.8 984.6 988.4 992.2 996.0 1000.0

TEMPERATURE IN DEGREES CELSIUS
14.6 19.4 23.2 27.0 30.8 34.6 38.4 42.2 46.0 49.8 53.6 57.4 61.2 65.0 68.8 72.6 76.4 80.2 84.0 87.8 91.6 95.4 99.2 103.0 106.8 110.6 114.4 118.2 122.0 125.8 129.6 133.4 137.2 141.0 144.8 148.6 152.4 156.2 160.0 163.8 167.6 171.4 175.2 179.0 182.8 186.6 190.4 194.2 198.0 201