Date Logged: 9-1-79

ΔT Well No. 847-1

| Depth (meters) | Instr. Reading | Temp. °C | ΔT | Grad. °C/km | K (Est.) | $H_2O$ Air | Lithology, etc. |
|---|---|---|---|---|---|---|---|
| 1 | 123.25 | 15.51 | | | | | |
| | | | -5.41 | | | | |
| 2 | 147.39 | 10.10 | | | | | |
| | | | -1.47 | | | | |
| 3 | 154.43 | 8.63 | | | | | |
| | | | -.90 | | | | |
| 4 | 158.85 | 7.73 | | | | | |
| | | | -.08 | | | | |
| 5 | 159.23 | 7.65 | | | | | |
| | | | -.74 | | | | |
| 10 | 162.89 | 6.91 | | | | | |
| | | | -.04 | | | | |
| 15 | 163.12 | 6.87 | | | | | |
| | | | .09 | 18 | | | |
| 20 | 162.67 | 6.96 | | | | | |
| | | | .02 | 4 | | | |
| 25 | 162.56 | 6.98 | | | | | |
| | | | -.10 | | | | |
| 30 | 163.06 | 6.88 | | | | | |
| | | | -.03 | | | | |
| 35 | 163.19 | 6.85 | | | | | |
| | | | -.07 | | | | |
| 40 | 163.56 | 6.78 | | | | | |
| | | | .03 | 6 | | | |
| 45 | 163.40 | 6.81 | | | | | |
| | | | .03 | 6 | | | |
| 50 | 163.25 | 6.84 | | | | | |
| | | | .29 | 58 | | | |
| 55 | 161.81 | 7.13 | | | | | |
| | | | -.38 | | | | |
| 60 | 163.72 | 6.75 | | | | | |
| | | | -.06 | | | | |
| 65 | 164.00 | 6.69 | | | | | |
| | | | -.07 | | | | |
| 70 | 164.35 | 6.62 | | | | | |
| | | | .04 | 8 | | | |
| 75 | 164.16 | 6.66 | | | | | |
| | | | .03 | 6 | | | |
| 80 | 164.01 | 6.69 | | | | | |
| | | | 0 | | | | |
| 85 | 163.99 | 6.69 | | | | | |
| | | | .08 | 16 | | | |
| 90 | 163.61 | 6.77 | | | | | |
| | | | -.15 | | | | |
| 95 | 164.38 | 6.62 | | | | | |
| | | | .01 | 2 | | | |
| 100 | 164.31 | 6.63 | | | | | |
| | | | .04 | 8 | | | |
| 105 | 164.09 | 6.67 | | | | | |
| | | | -.04 | | | | |
| 110 | 164.33 | 6.63 | | | | | |
| | | | .06 | 12 | | | |
| 115 | 164.02 | 6.69 | | | | | |

Date Logged: 9-1-79

ΔT Well No. 847-1

| Depth (meters) | Instr. Reading | Temp. °C | ΔT | Grad. °C/km | K (Est.) | $H_2O$ Air | Lithology, etc. |
|---|---|---|---|---|---|---|---|
| 1 | 123.25 | 15.51 | | | | | |
| | | | -5.41 | | | | |
| 2 | 147.39 | 10.10 | | | | | |
| | | | -1.47 | | | | |
| 3 | 154.43 | 8.63 | | | | | |
| | | | -.90 | | | | |
| 4 | 158.85 | 7.73 | | | | | |
| | | | -.08 | | | | |
| 5 | 159.23 | 7.65 | | | | | |
| | | | -.74 | | | | |
| 10 | 162.89 | 6.91 | | | | | |
| | | | -.04 | | | | |
| 15 | 163.12 | 6.87 | | | | | |
| | | | .09 | 18 | | | |
| 20 | 162.67 | 6.96 | | | | | |
| | | | .02 | 4 | | | |
| 25 | 162.56 | 6.98 | | | | | |
| | | | -.10 | | | | |
| 30 | 163.06 | 6.88 | | | | | |
| | | | -.03 | | | | |
| 35 | 163.19 | 6.85 | | | | | |
| | | | -.07 | | | | |
| 40 | 163.56 | 6.78 | | | | | |
| | | | .03 | 6 | | | |
| 45 | 163.40 | 6.81 | | | | | |
| | | | .03 | 6 | | | |
| 50 | 163.25 | 6.84 | | | | | |
| | | | .29 | 58 | | | |
| 55 | 161.81 | 7.13 | | | | | |
| | | | -.38 | | | | |
| 60 | 163.72 | 6.75 | | | | | |
| | | | -.06 | | | | |
| 65 | 164.00 | 6.69 | | | | | |
| | | | -.07 | | | | |
| 70 | 164.35 | 6.62 | | | | | |
| | | | .04 | 8 | | | |
| 75 | 164.16 | 6.66 | | | | | |
| | | | .03 | 6 | | | |
| 80 | 164.01 | 6.69 | | | | | |
| | | | 0 | | | | |
| 85 | 163.99 | 6.69 | | | | | |
| | | | .08 | 16 | | | |
| 90 | 163.61 | 6.77 | | | | | |
| | | | -.15 | | | | |
| 95 | 164.38 | 6.62 | | | | | |
| | | | .01 | 2 | | | |
| 100 | 164.31 | 6.63 | | | | | |
| | | | .04 | 8 | | | |
| 105 | 164.09 | 6.67 | | | | | |
| | | | -.04 | | | | |
| 110 | 164.33 | 6.63 | | | | | |
| | | | .06 | 12 | | | |
| 115 | 164.02 | 6.69 | | | | | |

K Conductivity

Date Logged: 9-1-79 ΔT Well No. 847-1

| Depth (meters) | Instr. Reading | Temp. °C | ΔT | Grad. °C/km | K (Est.) | $H_2O$ Air | Lithology, etc. |
|---|---|---|---|---|---|---|---|
| ~~115~~ | ~~164.02~~ | ~~6.69~~ | | | | | |
| | | | .08 | 16 | | | |
| 120 | 163.68 | 6.76 | | | | | |
| | | | -.03 | | | | |
| 125 | 163.82 | 6.73 | | | | | |
| | | | .08 | 16 | | | |
| 130 | 163.42 | 6.81 | | | | | |
| | | | .12 | 24 | | | |
| 135 | 162.82 | 6.93 | | | | | |
| | | | .07 | 14 | | | |
| 140 | 162.46 | 7.00 | | | | | |
| | | | -.07 | | | | |
| 145 | 162.80 | 6.93 | | | | | |
| | | | -.05 | | | | |
| 147 | 163.08 | 6.88 | | | | | |

K Conductivity

Date Logged: 9-1-79

ΔT Well No. 847-2

Cable : .0434

| Depth (meters) | Instr. Reading | Temp. °C | ΔT | Grad. °C/km | K (Est.) | $H_2O$ Air | Lithology, etc. |
|---|---|---|---|---|---|---|---|
| 1 | 139.49 | 11.80 | | | | | |
| | | | -3.25 | | | | |
| 2 | 154.83 | 8.55 | | | | | |
| | | | -1.27 | | | | |
| 3 | 161.07 | 7.28 | | | | | |
| | | | -.88 | | | | |
| 4 | 165.46 | 6.40 | | | | | |
| | | | -.63 | | | | |
| 5 | 168.66 | 5.77 | | | | | |
| | | | -.17 | | | | |
| 10 | 169.51 | 5.60 | | | | | |
| | | | .32 | 64 | | | |
| 15 | 167.87 | 5.92 | | | | | |
| | | | .05 | 10 | | | |
| 20 | 167.65 | 5.97 | | | | | |
| | | | .18 | 36 | | | |
| 25 | 166.74 | 6.15 | | | | | |
| | | | -.10 | | | | |
| 30 | 167.22 | 6.05 | | | | | |
| | | | .30 | 60 | | | |
| 35 | 165.73 | 6.35 | | | | | |
| | | | .08 | 16 | | | |
| 40 | 165.32 | 6.43 | | | | | |
| | | | -.02 | | | | |
| 45 | 165.39 | 6.41 | | | | | |
| | | | .10 | 20 | | | |
| 50 | 164.92 | 6.51 | | | | | |
| | | | -.06 | | | | |
| 55 | 165.20 | 6.45 | | | | | |
| | | | .04 | 8 | | | |
| 60 | 165.02 | 6.49 | | | | | |
| | | | -.12 | | | | |
| 65 | 165.61 | 6.37 | | | | | |
| | | | .46 | 92 | | | |
| 70 | 163.32 | 6.83 | | | | | |
| | | | -.23 | | | | |
| 75 | 164.47 | 6.60 | | | | | |
| | | | -.14 | | | | |
| 80 | 165.15 | 6.46 | | | | | |
| | | | .17 | 34 | | | |
| 85 | 164.33 | 6.63 | | | | | |
| | | | .25 | 50 | | | |
| 90 | 163.04 | 6.88 | | | | | |
| | | | -.07 | | | | |
| 95 | 163.40 | 6.81 | | | | | |
| | | | .47 | 94 | | | |
| 100 | 161.07 | 7.28 | | | | | |
| | | | .05 | 10 | | | |
| 105 | 160.82 | 7.33 | | | | | |
| | | | .04 | 8 | | | |
| 110 | 160.61 | 7.37 | | | | | |
| | | | -.36 | | | | |
| 115 | 162.41 | 7.01 | | | | | |

K Conductivity

Date Logged: 9-1-79 ΔT Well No. 847-2

Cable : .0434

| Depth (meters) | Instr. Reading | Temp. °C | ΔT | Grad. °C/km | K (Est.) | $H_2O$ Air | Lithology, etc. |
|---|---|---|---|---|---|---|---|
| 1 | 139.49 | 11.80 | | | | | |
| | | | -3.25 | | | | |
| 2 | 154.83 | 8.55 | | | | | |
| | | | -1.27 | | | | |
| 3 | 161.07 | 7.28 | | | | | |
| | | | -.88 | | | | |
| 4 | 165.46 | 6.40 | | | | | |
| | | | -.63 | | | | |
| 5 | 168.66 | 5.77 | | | | | |
| | | | -.17 | | | | |
| 10 | 169.51 | 5.60 | | | | | |
| | | | .32 | 64 | | | |
| 15 | 167.87 | 5.92 | | | | | |
| | | | .05 | 10 | | | |
| 20 | 167.65 | 5.97 | | | | | |
| | | | .18 | 36 | | | |
| 25 | 166.74 | 6.15 | | | | | |
| | | | -.10 | | | | |
| 30 | 167.22 | 6.05 | | | | | |
| | | | .30 | 60 | | | |
| 35 | 165.73 | 6.35 | | | | | |
| | | | .08 | 16 | | | |
| 40 | 165.32 | 6.43 | | | | | |
| | | | -.02 | | | | |
| 45 | 165.39 | 6.41 | | | | | |
| | | | .10 | 20 | | | |
| 50 | 164.92 | 6.51 | | | | | |
| | | | -.06 | | | | |
| 55 | 165.20 | 6.45 | | | | | |
| | | | .04 | 8 | | | |
| 60 | 165.02 | 6.49 | | | | | |
| | | | -.12 | | | | |
| 65 | 165.61 | 6.37 | | | | | |
| | | | -.46 | 92 | | | |
| 70 | 163.32 | 6.83 | | | | | |
| | | | -.23 | | | | |
| 75 | 164.47 | 6.60 | | | | | |
| | | | -.14 | | | | |
| 80 | 165.15 | 6.46 | | | | | |
| | | | .17 | 34 | | | |
| 85 | 164.33 | 6.63 | | | | | |
| | | | .25 | 50 | | | |
| 90 | 163.04 | 6.88 | | | | | |
| | | | -.07 | | | | |
| 95 | 163.40 | 6.81 | | | | | |
| | | | .47 | 94 | | | |
| 100 | 161.07 | 7.28 | | | | | |
| | | | .05 | 10 | | | |
| 105 | 160.82 | 7.33 | | | | | |
| | | | .04 | 8 | | | |
| 110 | 160.61 | 7.37 | | | | | |
| | | | -.36 | | | | |
| 115 | 162.41 | 7.01 | | | | | |

K-Conductivity

Date Logged: 9-1-79 ΔT Well No. 847-2

| Depth (meters) | Instr. Reading | Temp. °C | ΔT | Grad. °C/km | K (Est.) | $H_2O$ Air | Lithology, etc. |
|---|---|---|---|---|---|---|---|
| 120 | 160.84 | 7.33 | .32 | | | | |
| | | | -.97 | | | | |
| 125 | 165.68 | 6.36 | | | | | |
| | | | -.12 | | | | |
| 130 | 166.29 | 6.24 | | | | | |
| | | | -.13 | | | | |
| 135 | 166.91 | 6.11 | | | | | |
| | | | .02 | 4 | | | |
| 140 | 166.83 | 6.13 | | | | | |
| | | | -.01 | | | | |
| 145 | 166.86 | 6.12 | | | | | |
| | | | .01 | 2.5 | | | |
| 149 | 166.81 | 6.13 | | | | | |

K=Conductivity

Date Logged: 9-28-79

ΔT Well No. 847-3

| Depth (meters) | Instr. Reading | Temp. °C | ΔT | Grad. °C/km | K (Est.) | $H_2O$ Air | Lithology, etc. |
|---|---|---|---|---|---|---|---|
| 1 | 155.60 | 8.39 | | | | | |
| | | | -1.16 | | | | |
| 2 | 161.32 | 7.23 | | | | | |
| | | | -1.28 | | | | |
| 3 | 167.44 | 5.95 | | | | | |
| | | | -1.11 | | | | |
| 4 | 173.43 | 4.84 | | | | | |
| | | | -.59 | | | | |
| 5 | 176.46 | 4.25 | | | | | |
| | | | -.03 | | | | |
| 10 | 176.64 | 4.22 | | | | | |
| | | | -.02 | | | | |
| 15 | 176.72 | 4.20 | | | | | |
| | | | .03 | 6 | | | |
| 20 | 176.57 | 4.23 | | | | | |
| | | | .02 | 4 | | | |
| 25 | 176.46 | 4.25 | | | | | |
| | | | .07 | 14 | | | |
| 30 | 176.11 | 4.32 | | | | | |
| | | | .03 | 6 | | | |
| 35 | 175.92 | 4.35 | | | | | |
| | | | .04 | 8 | | | |
| 40 | 175.74 | 4.39 | | | | | |
| | | | .05 | 10 | | | |
| 45 | 175.50 | 4.44 | | | | | |
| | | | .02 | 4 | | | |
| 50 | 175.38 | 4.46 | | | | | |
| | | | .03 | 6 | | | |
| 55 | 175.21 | 4.49 | | | | | |
| | | | .04 | 8 | | | |
| 60 | 174.99 | 4.53 | | | | | |
| | | | .04 | 8 | | | |
| 65 | 174.81 | 4.57 | | | | | |
| | | | 0 | 0 | | | |
| 70 | 174.80 | 4.57 | | | | | |
| | | | .03 | 6 | | | |
| 75 | 174.65 | 4.60 | | | | | |
| | | | .02 | 4 | | | |
| 80 | 174.55 | 4.62 | | | | | |
| | | | .02 | 4 | | | |
| 85 | 174.43 | 4.64 | | | | | |
| | | | .03 | 6 | | | |
| 90 | 174.29 | 4.67 | | | | | |
| | | | 0 | 0 | | | |
| 92½ | 174.27 | 4.67 | | | | | |

Conductivity

Date Logged: 9-28-79

ΔT Well No. 847-3

cable: .0424 → .0417

| Depth (meters) | Instr. Reading | Temp. °C | ΔT | Grad. °C/km | K (Est.) | $H_2O$ Air | Lithology, etc. |
|---|---|---|---|---|---|---|---|
| 1 | 155.60 | 8.39 | | | | | |
| | | | -1.16 | | | | |
| 2 | 161.32 | 7.23 | | | | | |
| | | | -1.28 | | | | |
| 3 | 167.44 | 5.95 | | | | | |
| | | | -1.11 | | | | |
| 4 | 173.43 | 4.84 | | | | | |
| | | | -.59 | | | | |
| 5 | 176.46 | 4.25 | | | | | |
| | | | -.03 | | | | |
| 10 | 176.64 | 4.22 | | | | | |
| | | | -.02 | | | | |
| 15 | 176.72 | 4.20 | | | | | |
| | | | .03 | 6 | | | |
| 20 | 176.57 | 4.23 | | | | | |
| | | | .02 | 4 | | | |
| 25 | 176.46 | 4.25 | | | | | |
| | | | .07 | 14 | | | |
| 30 | 176.11 | 4.32 | | | | | |
| | | | .03 | 6 | | | |
| 35 | 175.92 | 4.35 | | | | | |
| | | | .04 | 8 | | | |
| 40 | 175.74 | 4.39 | | | | | |
| | | | .05 | 10 | | | |
| 45 | 175.50 | 4.44 | | | | | |
| | | | .02 | 4 | | | |
| 50 | 175.38 | 4.46 | | | | | |
| | | | .03 | 6 | | | |
| 55 | 175.21 | 4.49 | | | | | |
| | | | .04 | 8 | | | |
| 60 | 174.99 | 4.53 | | | | | |
| | | | .04 | 8 | | | |
| 65 | 174.81 | 4.57 | | | | | |
| | | | 0 | 0 | | | |
| 70 | 174.80 | 4.57 | | | | | |
| | | | .03 | 6 | | | |
| 75 | 174.65 | 4.60 | | | | | |
| | | | .02 | 4 | | | |
| 80 | 174.55 | 4.62 | | | | | |
| | | | .02 | 4 | | | |
| 85 | 174.43 | 4.64 | | | | | |
| | | | .03 | 6 | | | |
| 90 | 174.29 | 4.67 | | | | | |
| | | | 0 | 0 | | | |
| 92½ TD | 174.27 | 4.67 | | | | | |

Date Logged: 9-28-79

ΔT Well No. 847-4

cable: .0429

| Depth (meters) | Instr. Reading | Temp. °C | ΔT | Grad. °C/km | K (Est.) | $H_2O$ Air | Lithology, etc. |
|---|---|---|---|---|---|---|---|
| 1 | 148.97 | 9.77 | | | | | |
| | | | -1.05 | | | | |
| 2 | 153.99 | 8.72 | | | | | |
| | | | -1.37 | | | | |
| 3 | 160.70 | 7.35 | | | | | |
| | | | -1.21 | | | | |
| 4 | 166.76 | 6.14 | | | | | |
| | | | -.57 | | | | |
| 5 | 169.65 | 5.57 | | | | | |
| | | | -.22 | | | | |
| 10 | 170.82 | 5.35 | | | | | |
| | | | -.06 | | | | |
| 15 | 171.09 | 5.29 | | | | | |
| | | | -.15 | | | | |
| 20 | 171.88 | 5.14 | | | | | |
| | | | -.03 | | | | |
| 25 | 172.01 | 5.11 | | | | | |
| | | | .03 | 6 | | | |
| 30 | 171.87 | 5.14 | | | | | |
| | | | .03 | 6 | | | |
| 35 | 171.73 | 5.17 | | | | | |
| | | | .01 | 2 | | | |
| 40 | 171.65 | 5.18 | | | | | |
| | | | .02 | 4 | | | |
| 45 | 171.56 | 5.20 | | | | | |
| | | | .01 | 2 | | | |
| 50 | 171.50 | 5.21 | | | | | |
| | | | .02 | 4 | | | |
| 55 | 171.43 | 5.23 | | | | | |
| | | | .01 | 2 | | | |
| 60 | 171.37 | 5.24 | | | | | |
| | | | 0 | 0 | | | |
| 65 | 171.35 | 5.24 | | | | | |
| | | | .02 | 4 | | | |
| 70 | 171.28 | 5.26 | | | | | |
| obstruction | | | | | | | |
| | | | .09 | 18 | | | |
| 75 | 170.77 | 5.35 | | | | | |
| | | | .29 | 58 | | | |
| 80 | 169.29 | 5.64 | | | | | |
| | | | .09 | 18 | | | |
| 85 | 168.87 | 5.73 | | | | | ~32°C/km |
| | | | .16 | 32 | | | |
| 90 | 168.06 | 5.89 | | | | | |
| | | | .19 | 38 | | | |
| 95 | 167.10 | 6.08 | | | | | |
| | | | .04 | 8 | | | |
| 100 | 166.89 | 6.12 | | | | | |
| | | | .14 | 28 | | | |
| 105 | 166.19 | 6.26 | | | | | |
| | | | .13 | 32.5 | | | |
| 109 TD | 165.53 | 6.39 | | | | | |
| | | | | | | | |

K Conductivity

Date Logged: 9-28-79 ΔT Well No. 847-4

cable: .0429

| Depth (meters) | Instr. Reading | Temp. °C | ΔT | Grad. °C/km | K (Est.) | $H_2O$ Air | Lithology, etc. |
|---|---|---|---|---|---|---|---|
| 1 | 148.97 | 9.77 | | | | | |
| | | | -1.05 | | | | |
| 2 | 153.99 | 8.72 | | | | | |
| | | | -1.37 | | | | |
| 3 | 160.70 | 7.35 | | | | | |
| | | | -1.21 | | | | |
| 4 | 166.76 | 6.14 | | | | | |
| | | | -.57 | | | | |
| 5 | 169.65 | 5.57 | | | | | |
| | | | -.22 | | | | |
| 10 | 170.82 | 5.35 | | | | | |
| | | | -.06 | | | | |
| 15 | 171.09 | 5.29 | | | | | |
| | | | -.15 | | | | |
| 20 | 171.88 | 5.14 | | | | | |
| | | | -.03 | | | | |
| 25 | 172.01 | 5.11 | | | | | |
| | | | .03 | 6 | | | |
| 30 | 171.87 | 5.14 | | | | | |
| | | | .03 | 6 | | | |
| 35 | 171.73 | 5.17 | | | | | |
| | | | .01 | 2 | | | |
| 40 | 171.65 | 5.18 | | | | | |
| | | | .02 | 4 | | | |
| 45 | 171.56 | 5.20 | | | | | |
| | | | .01 | 2 | | | |
| 50 | 171.50 | 5.21 | | | | | |
| | | | .02 | 4 | | | |
| 55 | 171.43 | 5.23 | | | | | |
| | | | .01 | 2 | | | |
| 60 | 171.37 | 5.24 | | | | | |
| | | | 0 | 0 | | | |
| 65 | 171.35 | 5.24 | | | | | |
| | | | .02 | 4 | | | |
| 70 | 171.28 | 5.26 | | | | | |
| obstruction | | | | | | | |
| | | | .09 | 18 | | | |
| 75 | 170.77 | 5.35 | | | | | |
| | | | .29 | 58 | | | |
| 80 | 169.29 | 5.64 | | | | | |
| | | | .09 | 18 | | | |
| 85 | 168.87 | 5.73 | | | | | ~32°C/Km |
| | | | .16 | 32 | | | |
| 90 | 168.06 | 5.89 | | | | | |
| | | | .19 | 38 | | | |
| 95 | 167.10 | 6.08 | | | | | |
| | | | .04 | 8 | | | |
| 100 | 166.89 | 6.12 | | | | | |
| | | | .14 | 28 | | | |
| 105 | 166.19 | 6.26 | | | | | |
| | | | .13 | 32.5 | | | |
| 109 TD | 165.53 | 6.39 | | | | | |
| | | | | | | | |

K = Conductivity

Date Logged: 8-26-79

ΔT Well No. 847-5

| Depth (meters) | Instr. Reading | Temp. °C | ΔT | Grad. °C/km | K (Est.) | $H_2O$ Air | Lithology, etc. |
|---|---|---|---|---|---|---|---|
| 1 | ~ 144.00 | 10.82 | | | | | |
| 2 | ~ 146.00 | 10.40 | | | | | |
| 3 | ~ 149.00 | 9.76 | | | | | |
| 4 | ~ 150.00 | 9.55 | | | | | |
| 5 | ~ 151.00 | 9.34 | | | | | |
| 10 | ~ 156.00 | 8.31 | | | | | |
| 15 | ~ 158.00 | 7.90 | | | | | |
| 20 | ~ 160.00 | 7.49 | | | | | |
| 25 | ~ 162.00 | 7.09 | | | | | |
| 30 | ~ 164.00 | 6.69 | | | | | |
| Air 35 | ~ 166.00 | 6.29 | | | | | |
| $H_2O$ 40 | 179.75 | 3.62 | | | | | |
| 45 | 180.19 | 3.53 | -.09 | | | | |
| 50 | 180.53 | 3.47 | -.06 | | | | |
| 55 | 180.90 | 3.40 | -.07 | | | | |
| 60 | 181.20 | 3.34 | -.06 | | | | |
| 65 | 181.66 | 3.25 | -.09 | | | | |
| 70 | 181.95 | 3.20 | -.05 | | | | |
| 75 | 182.00 | 3.19 | -.01 | | | | |
| 80 | 182.03 | 3.18 | -.01 | | | | |
| 85 | 182.06 | 3.18 | 0 | | | | |
| 90 | 182.75 | 3.05 | -.13 | | | | |
| 95 | 182.06 | 3.18 | .13 | 26 | | | |
| 100 | 183.12 | 2.98 | -.20 | | | | |
| 105 | 183.22 | 2.96 | -.02 | | | | |
| 110 | 183.41 | 2.92 | -.04 | | | | |
| 115 | 183.76 | 2.85 | -.07 | | | | |

K-Conductivity

Date Logged: 8-26-79 ΔT Well No. 847-5

| | Depth (meters) | Instr. Reading | Temp. °C | ΔT | Grad. °C/km | K (Est.) | $H_2O$ Air | Lithology, etc. |
|---|---|---|---|---|---|---|---|---|
| | 1 | ~144.00 | 10.82 | | | | | |
| | 2 | ~146.00 | 10.40 | | | | | |
| | 3 | ~149.00 | 9.76 | | | | | |
| | 4 | ~150.00 | 9.55 | | | | | |
| | 5 | ~151.00 | 9.34 | | | | | |
| | 10 | ~156.00 | 8.31 | | | | | |
| | 15 | ~158.00 | 7.90 | | | | | |
| | 20 | ~160.00 | 7.49 | | | | | |
| | 25 | ~162.00 | 7.09 | | | | | |
| | 30 | ~164.00 | 6.69 | | | | | |
| Air | 35 | ~166.00 | 6.29 | | | | | |
| $H_2O$ | 40 | 179.75 | 3.62 | | | | | |
| | 45 | 180.19 | 3.53 | -.09 | | | | |
| | 50 | 180.53 | 3.47 | -.06 | | | | |
| | 55 | 180.90 | 3.40 | -.07 | | | | |
| | 60 | 181.20 | 3.34 | -.06 | | | | |
| | 65 | 181.66 | 3.25 | -.09 | | | | |
| | 70 | 181.95 | 3.20 | -.05 | | | | |
| | 75 | 182.00 | 3.19 | -.01 | | | | |
| | 80 | 182.03 | 3.18 | -.01 | | | | |
| | 85 | 182.06 | 3.18 | 0 | | | | |
| | 90 | 182.75 | 3.05 | -.13 | | | | |
| | 95 | 182.06 | 3.18 | .13 | 26 | | | |
| | 100 | 183.12 | 2.98 | -.20 | | | | |
| | 105 | 183.22 | 2.96 | -.02 | | | | |
| | 110 | 183.41 | 2.92 | -.04 | | | | |
| | 115 | 183.76 | 2.85 | -.07 | | | | |

Date Logged: 8-26-79 ΔT Well No. 847-5

| Depth (meters) | Instr. Reading | Temp. °C | ΔT | Grad. °C/km | K (Est.) | $H_2O$ Air | Lithology, etc. |
|---|---|---|---|---|---|---|---|
| 120 | 183.68 | 2.87 | | | | | |
| | | | 0 | | | | |
| 125 | 183.65 | 2.87 | | | | | |
| | | | -.07 | | | | |
| 130 | 184.04 | 2.80 | | | | | |
| | | | .02 | 4 | | | |
| 135 | 183.93 | 2.82 | | | | | |
| | | | .01 | 10 | | | |
| 136 | 183.88 | 2.83 | | | | | |

Date Logged: 10-8-79 (D M Y)

ΔT Well No. 847-7

| Depth (meters) | Instr. Reading | Temp. °C | ΔT | Grad. °C/km | K (Est.) | $H_2O$ Air | Lithology, etc. |
|---|---|---|---|---|---|---|---|
| 1 | 145.28 | 10.55 | | | | | |
| 2 | 152.68 | 8.99 | | | | | |
| 3 | 167.22 | 6.05 | | | | | |
| 4 | 172.86 | 4.95 | | | | | |
| 5 | 175.29 | 4.48 | | | | | |
| 10 | 178.07 | 3.94 | | | | | |
| 15 | 179.07 | 3.75 | .19 | | | | |
| 20 | 178.76 | 4.00 | .25 | 50 | | | |
| 25 | 177.81 | 3.99 | .01 | 2 | | | |
| 30 | 177.19 | 4.11 | .12 | 24 | | | |
| 35 | 177.43 | 4.06 | -.05 | -10 | | | |
| 40 | 177.97 | 3.96 | -.10 | -20 | | | |
| 45 | 176.36 | 4.27 | .31 | 62 | | | |
| 50 | 177.37 | 4.07 | -.20 | -40 | | | |
| 55 | 177.62 | 4.03 | -.04 | -8 | | | |
| 60 | 177.39 | 4.07 | .04 | 8 | | | |
| 65 | 177.12 | 4.12 | .05 | 10 | | | |
| 70 | 177.20 | 4.11 | -.01 | -2 | | | |
| 75 | 177.31 | 4.09 | -.02 | -4 | | | |
| 80 | 177.18 | 4.11 | .02 | 4 | | | |
| 85 | 177.07 | 4.13 | .02 | 4 | | | |
| 89 TD | 177.02 | 4.14 | .01 | 2 | | | |
| 99999 | | | | | | | |

Conductivity

Date Logged: D m Y 18-8-79 ΔT Well No. 847-7

| Depth (meters) | Instr. Reading | Temp. °C | ΔT | Grad. °C/km | K (Est.) | $H_2O$ Air | Lithology, etc. |
|---|---|---|---|---|---|---|---|
| 1 | 145.28 | 10.55 | | | | | |
| 2 | 152.68 | 8.99 | | | | | |
| 3 | 167.22 | 6.05 | | | | | |
| 4 | 172.86 | 4.95 | | | | | |
| 5 | 175.29 | 4.48 | | | | | |
| 10 | 178.07 | 3.94 | | | | | |
| 15 | 179.07 | 3.75 | .19 | | | | |
| 20 | 178.76 | 4.00 | .25 | 50 | | | |
| 25 | 177.81 | 3.99 | .01 | 2 | | | |
| 30 | 177.19 | 4.11 | .12 | 24 | | | |
| 35 | 177.43 | 4.06 | -.05 | -10 | | | |
| 40 | 177.97 | 3.96 | -.10 | -20 | | | |
| 45 | 176.36 | 4.27 | .31 | 62 | | | |
| 50 | 177.37 | 4.07 | -.20 | -40 | | | |
| 55 | 177.62 | 4.03 | -.04 | -8 | | | |
| 60 | 177.39 | 4.07 | .04 | 8 | | | |
| 65 | 177.12 | 4.12 | .05 | 10 | | | |
| 70 | 177.20 | 4.11 | -.01 | -2 | | | |
| 75 | 177.31 | 4.09 | -.02 | -4 | | | |
| 80 | 177.18 | 4.11 | .02 | 4 | | | |
| 85 | 177.07 | 4.13 | .02 | 4 | | | |
| 89 TD | 177.02 | 4.14 | .01 | 2 | | | |
| 99999 | | | | | | | |
| 100 | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Date Logged: 17-8-79 ΔT Well No. 847-8

| Depth (meters) | Instr. Reading | Temp. °C | ΔT | Grad. °C/km | K (Est.) | $H_2O$ Air | Lithology, etc. |
|---|---|---|---|---|---|---|---|
| 1 | 137.98 | 12.13 | | | | | |
| | | | -2.59 | | | | |
| 2 | 150.04 | 9.54 | | | | | |
| | | | - | | | | |
| 3 | 162.24 | 7.04 | | | | | |
| | | | - | | | | |
| 4 | 169.72 | 5.56 | | | | | |
| | | | - | | | | |
| 5 | 172.43 | 5.03 | | | | | |
| | | | - | | | | |
| 10 | 174.41 | 4.65 | | | | | |
| | | | - | | | | |
| 15 | 175.64 | 4.41 | | | | | |
| | | | - | | | | |
| 20 | 176.45 | 4.25 | | | | | |
| | | | 0 | 0 | | | |
| 25 | 176.47 | 4.25 | | | | | |
| | | | .13 | 26 | | | |
| 30 | 175.76 | 4.38 | | | | | |
| | | | -.15 | -30 | | | |
| 35 | 176.58 | 4.23 | | | | | |
| | | | 0 | 0 | | | |
| 40 | 176.58 | 4.23 | | | | | |
| | | | .02 | 4 | | | |
| 45 | 176.43 | 4.25 | | | | | |
| | | | .08 | 16 | | | |
| 50 | 176.06 | 4.33 | | | | | |
| | | | .04 | 8 | | | |
| 55 | 175.85 | 4.37 | | | | | |
| | | | .06 | 12 | | | |
| 60 | 175.55 | 4.43 | | | | | |
| | | | .05 | 10 | | | |
| 65 | 175.25 | 4.48 | | | | | |
| | | | .06 | 12 | | | |
| 70 | 174.96 | 4.54 | | | | | |
| | | | .06 | 12 | | | |
| 75 | 174.64 | 4.60 | | | | | |
| | | | .06 | 12 | | | |
| 80 | 174.32 | 4.66 | | | | | |
| | | | .07 | 14 | | | |
| 85 | 173.97 | 4.73 | | | | | |
| | | | .14 | 28 | | | |
| 90 (TD) | 173.26 | 4.87 | | | | | |
| 99999 | | | | | | | |

K Conductivity

Date Logged: 17-8-79 ΔT Well No. 847-8

| Depth (meters) | Instr. Reading | Temp. °C | ΔT | Grad. °C/km | K (Est.) | $H_2O$ Air | Lithology, etc. |
|---|---|---|---|---|---|---|---|
| 1 | 137.98 | 12.13 | | | | | |
| | | | -2.59 | | | | |
| 2 | 150.04 | 9.54 | | | | | |
| | | | - | | | | |
| 3 | 162.24 | 7.04 | | | | | |
| | | | - | | | | |
| 4 | 169.72 | 5.56 | | | | | |
| | | | - | | | | |
| 5 | 172.43 | 5.03 | | | | | |
| | | | - | | | | |
| 10 | 174.41 | 4.65 | | | | | |
| | | | - | | | | |
| 15 | 175.64 | 4.41 | | | | | |
| | | | - | | | | |
| 20 | 176.45 | 4.25 | | | | | |
| | | | 0 | 0 | | | |
| 25 | 176.47 | 4.25 | | | | | |
| | | | .13 | 26 | | | |
| 30 | 175.76 | 4.38 | | | | | |
| | | | -.15 | -30 | | | |
| 35 | 176.58 | 4.23 | | | | | |
| | | | 0 | 0 | | | |
| 40 | 176.58 | 4.23 | | | | | |
| | | | .02 | 4 | | | |
| 45 | 176.43 | 4.25 | | | | | |
| | | | .08 | 16 | | | |
| 50 | 176.06 | 4.33 | | | | | |
| | | | .04 | 8 | | | |
| 55 | 175.85 | 4.37 | | | | | |
| | | | .06 | 12 | | | |
| 60 | 175.55 | 4.43 | | | | | |
| | | | .05 | 10 | | | |
| 65 | 175.25 | 4.48 | | | | | |
| | | | .06 | 12 | | | |
| 70 | 174.96 | 4.54 | | | | | |
| | | | .06 | 12 | | | |
| 75 | 174.64 | 4.60 | | | | | |
| | | | .06 | 12 | | | |
| 80 | 174.32 | 4.66 | | | | | |
| | | | .07 | 14 | | | |
| 85 | 173.97 | 4.73 | | | | | |
| | | | .14 | 28 | | | |
| 90 (TD) | 173.26 | 4.87 | | | | | |
| 99999 | | | | | | | |

Date Logged: 9-29-79 ΔT Well No. 847-9

cable .0426

| Depth (meters) | Instr. Reading | Temp. °C | ΔT | Grad. °C/km | K (Est.) | $H_2O$ Air | Lithology, etc. |
|---|---|---|---|---|---|---|---|
| 1 | 127.90 | 14.42 | | | | | |
| | | | -.60 | | | | |
| 2 | 130.50 | 13.82 | | | | | |
| | | | -.34 | | | | |
| 3 | 131.99 | 13.48 | | | | | |
| | | | -.36 | | | | |
| 4 | 133.57 | 13.12 | | | | | |
| | | | -.32 | | | | |
| 5 | 134.99 | 12.80 | | | | | |
| | | | -1.25 | | | | |
| 10 | 140.65 | 11.55 | | | | | |
| | | | -.92 | | | | |
| Air 15 | 144.92 | 10.63 | | | | | |
| $H_2O$ | | | -5.80 | | | | |
| 20 | 173.44 | 4.83 | | | | | |
| | | | -.20 | | | | |
| 25 | 174.50 | 4.63 | | | | | |
| | | | -.10 | | | | |
| 30 | 175.00 | 4.53 | | | | | |
| | | | -.03 | | | | |
| 35 | 175.16 | 4.50 | | | | | |
| | | | .01 | 2 | | | |
| 40 | 175.11 | 4.51 | | | | | |
| | | | .05 | 10 | | | |
| 45 | 174.85 | 4.56 | | | | | |
| | | | .09 | 18 | | | |
| 50 | 174.40 | 4.65 | | | | | |
| | | | .07 | 14 | | | |
| 55 | 174.04 | 4.72 | | | | | |
| | | | .06 | 12 | | | |
| 60 | 173.73 | 4.78 | | | | | |
| | | | .09 | 18 | | | |
| 65 | 173.24 | 4.87 | | | | | |
| | | | .08 | 16 | | | |
| 70 | 172.86 | 4.95 | | | | | |
| | | | .14 | 28 | | | |
| 75 | 172.11 | 5.09 | | | | | |
| | | | .15 | 30 | | | |
| 80 | 171.36 | 5.24 | | | | | |
| | | | .23 | 46 | | | |
| 85 | 170.20 | 5.47 | | | | | |
| | | | .23 | 46 | | | |
| 90 | 168.99 | 5.70 | | | | | |
| | | | .29 | 58 | | | |
| 95 | 167.56 | 5.99 | | | | | |
| | | | .26 | 52 | | | |
| 100 | 166.23 | 6.25 | | | | | |
| | | | .27 | 54 | | | |
| 105 | 164.84 | 6.52 | | | | | |
| | | | .30 | 60 | | | |
| 110 | 163.38 | 6.82 | | | | | |
| | | | .26 | 52 | | | |
| 115 | 162.07 | 7.08 | | | | | |

Date Logged: _____ ΔT Well No. 847-9

| Depth (meters) | Instr. Reading | Temp. °C | ΔT | Grad. °C/km | K (Est.) | $H_2O$ Air | Lithology, etc. |
|---|---|---|---|---|---|---|---|
| 120 | 161.04 | 7.29 | .21 | 42 | | | |
| 122 TD | 160.53 | 7.39 | .10 | 50 | | | |
| 130 | | | | | | | |
| 135 | | | | | | | |
| 140 | | | | | | | |
| 145 | | | | | | | |
| 150 | | | | | | | |
| 155 | | | | | | | |

K=Conductivity

Date Logged: 17 8 79

ΔT Well No. 847-10

| Depth (meters) | Instr. Reading | Temp. °C | ΔT | Grad. °C/km | K (Est.) | $H_2O$ Air | Lithology, etc. |
|---|---|---|---|---|---|---|---|
| 1 | 145.33 | 10.54 | | | | | |
| 2 | 159.89 | 7.52 | | | | | |
| 3 | 166.92 | 6.11 | | | | | |
| 4 | 172.73 | 4.97 | | | | | |
| 5 | 175.42 | 4.45 | | | | | |
| 10 | 175.93 | 4.35 | | | | | |
| 15 | 175.37 | 4.46 | .11 | .22 | | | |
| 20 | 175.08 | 4.52 | .06 | 12 | | | |
| 25 | 174.62 | 4.60 | .08 | 16 | | | |
| 30 | 173.97 | 4.73 | .13 | 26 | | | |
| 35 | 173.25 | 4.87 | .14 | 28 | | | |
| 40 | 172.02 | 5.11 | .24 | 48 | | | |
| 45 | 170.93 | 5.32 | .21 | 42 | | | |
| 50 | 169.89 | 5.53 | .21 | 42 | | | |
| 55 | 168.83 | 5.74 | .21 | 42 | | | |
| 60 | 167.79 | 5.94 | .20 | 40 | | | |
| 65 | 166.76 | 6.14 | .20 | 40 | | | |
| 70 | 165.83 | 6.33 | .19 | 38 | | | |
| 75 | 164.84 | 6.52 | .19 | 38 | | | |
| 80 | 163.86 | 6.72 | .20 | 40 | | | |
| 85 | 162.83 | 6.93 | .21 | 42 | | | |
| 90 TO | 161.71 | 7.15 | .22 | 44 | | | |
| 99999 | | | | | | | |

K-Conductivity

Date Logged: 17 8 79 ΔT Well No. 847-10

| Depth (meters) | Instr. Reading | Temp. °C | ΔT | Grad. °C/km | K (Est.) | $H_2O$ Air | Lithology, etc. |
|---|---|---|---|---|---|---|---|
| 1 | 145.33 | 10.54 | | | | | |
| 2 | 159.89 | 7.52 | | | | | |
| 3 | 166.92 | 6.11 | | | | | |
| 4 | 172.73 | 4.97 | | | | | |
| 5 | 175.42 | 4.45 | | | | | |
| 10 | 175.93 | 4.35 | | | | | |
| 15 | 175.37 | 4.46 | .11 | .22 | | | |
| 20 | 175.08 | 4.52 | .06 | 12 | | | |
| 25 | 174.62 | 4.60 | .08 | 16 | | | |
| 30 | 173.97 | 4.73 | .13 | 26 | | | |
| 35 | 173.25 | 4.87 | .14 | 28 | | | |
| 40 | 172.02 | 5.11 | .24 | 48 | | | |
| 45 | 170.93 | 5.32 | .21 | 42 | | | |
| 50 | 169.89 | 5.53 | .21 | 42 | | | |
| 55 | 168.83 | 5.74 | .21 | 42 | | | |
| 60 | 167.79 | 5.94 | .20 | 40 | | | |
| 65 | 166.76 | 6.14 | .20 | 40 | | | |
| 70 | 165.83 | 6.33 | .19 | 38 | | | |
| 75 | 164.84 | 6.52 | .19 | 38 | | | |
| 80 | 163.86 | 6.72 | .20 | 40 | | | |
| 85 | 162.83 | 6.93 | .21 | 42 | | | |
| 90 TD | 161.71 | 7.15 | .22 | 44 | | | |
| 99999 | | | | | | | |

Date Logged: 8-10-79

ΔT Well No. 847-11

cable: .0424

| Depth (meters) | Instr. Reading | Temp. °C | ΔT | Grad. °C/km | K (Est.) | $H_2O$ Air | Lithology, etc. |
|---|---|---|---|---|---|---|---|
| 1 | 137.63 | 12.21 | | | | | |
| | | | -3.41 | -682 | | | |
| 2 | 153.60 | 8.80 | | | | | |
| | | | 2.29 | -458 | | | |
| 3 | 164.88 | 6.51 | | | | | |
| | | | 1.15 | -230 | | | |
| 4 | 170.76 | 5.36 | | | | | |
| | | | -.43 | -86 | | | |
| 5 | 172.96 | 4.93 | | | | | |
| | | | .29 | 58 | | | |
| 10 | 171.49 | 5.22 | | | | | |
| | | | -.12 | -24 | | | |
| 15 | 172.05 | 5.10 | | | | | |
| | | | -.14 | -28 | | | |
| 20 | 172.80 | 4.96 | | | | | |
| | | | 0 | 0 | | | |
| 25 | 172.81 | 4.96 | | | | | |
| | | | -.06 | -12 | | | |
| 30 | 172.94 | 4.93 | | | | | |
| | | | -.03 | -6 | | | |
| 35 | 173.08 | 4.90 | | | | | |
| | | | -.02 | -4 | | | |
| 40 | 173.18 | 4.88 | | | | | |
| | | | .03 | 6 | | | |
| 45 | 173.05 | 4.91 | | | | | |
| | | | -.05 | -10 | | | |
| 50 | 173.32 | 4.86 | | | | | |
| | | | .07 | 14 | | | |
| 55 | 172.95 | 4.93 | | | | | |
| | | | -.03 | -6 | | | |
| 60 | 173.11 | 4.90 | | | | | |
| | | | .1 | 20 | | | |
| 65 | 172.58 | 5.0 | | | | | |
| | | | .01 | 2 | | | |
| 70 | 172.56 | 5.01 | | | | | |
| | | | .01 | 2 | | | |
| 75 | 172.49 | 5.02 | | | | | |
| | | | .10 | 20 | | | |
| 80 | 171.98 | 5.12 | | | | | |
| | | | 0 | 0 | | | |
| 85 | 171.97 | 5.12 | | | | | |
| | | | .04 | 8 | | | |
| 90 | 171.78 | 5.16 | | | | | |
| | | | .02 | 4 | | | |
| 92 TD | 171.64 | 5.18 | | | | | |
| 99999 | | | | | | | |

Date Logged: 8-10-79

ΔT Well No. 847-11

cable: .0424

| Depth (meters) | Instr. Reading | Temp. °C | ΔT | Grad. °C/km | K (Est.) | $H_2O$ Air | Lithology, etc. |
|---|---|---|---|---|---|---|---|
| 1 | 137.63 | 12.21 | | | | | |
| | | | -3.41 | -682 | | | |
| 2 | 153.60 | 8.80 | | | | | |
| | | | 2.29 | -458 | | | |
| 3 | 164.39 | 6.51 | | | | | |
| | | | 1.15 | -230 | | | |
| 4 | 170.76 | 5.36 | | | | | |
| | | | -.43 | -86 | | | |
| 5 | 172.96 | 4.93 | | | | | |
| | | | .29 | 58 | | | |
| 10 | 171.49 | 5.22 | | | | | |
| | | | -.12 | -24 | | | |
| 15 | 172.05 | 5.10 | | | | | |
| | | | -.14 | -28 | | | |
| 20 | 172.80 | 4.96 | | | | | |
| | | | 0 | 0 | | | |
| 25 | 172.81 | 4.96 | | | | | |
| | | | -.06 | -12 | | | |
| 30 | 172.94 | 4.93 | | | | | |
| | | | -.03 | -6 | | | |
| 35 | 173.08 | 4.90 | | | | | |
| | | | -.02 | -4 | | | |
| 40 | 173.18 | 4.88 | | | | | |
| | | | .03 | 6 | | | |
| 45 | 173.05 | 4.91 | | | | | |
| | | | -.05 | -10 | | | |
| 50 | 173.32 | 4.86 | | | | | |
| | | | .07 | 14 | | | |
| 55 | 172.95 | 4.93 | | | | | |
| | | | -.03 | -6 | | | |
| 60 | 173.11 | 4.90 | | | | | |
| | | | .1 | 20 | | | |
| 65 | 172.58 | 5.0 | | | | | |
| | | | .01 | 2 | | | |
| 70 | 172.56 | 5.01 | | | | | |
| | | | .01 | 2 | | | |
| 75 | 172.49 | 5.02 | | | | | |
| | | | .10 | 20 | | | |
| 80 | 171.98 | 5.12 | | | | | |
| | | | 0 | 0 | | | |
| 85 | 171.97 | 5.12 | | | | | |
| | | | .04 | 8 | | | |
| 90 | 171.78 | 5.16 | | | | | |
| | | | .02 | 4 | | | |
| 92 TD | 171.64 | 5.18 | | | | | |
| 99999 | | | | | | | |

Date Logged: 8-10-79

ΔT Well No. 847-12

cable 3.0427

| Depth (meters) | Instr. Reading | Temp. °C | ΔT | Grad. °C/km | K (Est.) | $H_2O$ Air | Lithology, etc. |
|---|---|---|---|---|---|---|---|
| 1 | 138.70 | 11.98 | | | | | |
| | | | -3.8 | -760 | | | |
| 2 | 156.64 | 8.18 | | | | | |
| | | | -2.32 | -464 | | | |
| 3 | 168.20 | 5.86 | | | | | |
| | | | -.42 | -84 | | | |
| 4 | 170.35 | 5.44 | | | | | |
| | | | -.36 | -72 | | | |
| 5 | 172.16 | 5.08 | | | | | |
| | | | .01 | 2 | | | |
| 10 | 172.14 | 5.09 | | | | | |
| | | | -.12 | -24 | | | |
| 15 | 172.80 | 4.96 | | | | | |
| | | | -.05 | -10 | | | |
| 20 | 173.05 | 4.91 | | | | | |
| | | | .08 | 16 | | | |
| 25 | 172.66 | 4.99 | | | | | |
| | | | .09 | 18 | | | |
| 30 | 172.16 | 5.08 | | | | | |
| | | | .11 | 22 | | | |
| 35 | 171.60 | 5.19 | | | | | |
| | | | .17 | 34 | | | |
| 40 | 170.72 | 5.36 | | | | | |
| | | | .18 | 36 | | | |
| 45 | 169.83 | 5.54 | | | | | |
| | | | .15 | 30 | | | |
| 50 | 169.05 | 5.69 | | | | | |
| | | | .29 | 58 | | | |
| 55 | 167.61 | 5.98 | | | | | |
| | | | .08 | 16 | | | |
| 60 | 167.17 | 6.06 | | | | | |
| | | | .18 | 36 | | | |
| 65 | 166.28 | 6.24 | | | | | |
| | | | .17 | 35 | | | |
| 70 | 165.40 | 6.41 | | | | | |
| | | | .20 | 40 | | | |
| 75 | 164.40 | 6.61 | | | | | |
| | | | .21 | 42 | | | |
| 80 | 163.35 | 6.82 | | | | | |
| | | | .19 | 38 | | | |
| 85 | 162.40 | 7.01 | | | | | |
| | | | .19 | 38 | | | |
| 90 | 161.47 | 7.20 | | | | | |
| | | | .10 | 20 | | | |
| 93 TD | 160.99 | 7.30 | | | | | |
| 99999 | | | | | | | |

Date Logged: 8-10-79 ΔT Well No. 847-12

cable 8,0427

| Depth (meters) | Instr. Reading | Temp. °C | ΔT | Grad. °C/km | K (Est.) | $H_2O$ Air | Lithology, etc. |
|---|---|---|---|---|---|---|---|
| 1 | 138.70 | 11.98 | | | | | |
| | | | -3.8 | -760 | | | |
| 2 | 156.64 | 8.18 | | | | | |
| | | | -2.32 | -464 | | | |
| 3 | 168.20 | 5.86 | | | | | |
| | | | -.42 | -84 | | | |
| 4 | 170.35 | 5.44 | | | | | |
| | | | -.36 | -72 | | | |
| 5 | 172.16 | 5.08 | | | | | |
| | | | .01 | 2 | | | |
| 10 | 172.14 | 5.09 | | | | | |
| | | | -.12 | -24 | | | |
| 15 | 172.80 | 4.96 | | | | | |
| | | | -.05 | -10 | | | |
| 20 | 173.05 | 4.91 | | | | | |
| | | | .08 | 16 | | | |
| 25 | 172.66 | 4.99 | | | | | |
| | | | .09 | 18 | | | |
| 30 | 172.16 | 5.08 | | | | | |
| | | | .11 | 22 | | | |
| 35 | 171.60 | 5.19 | | | | | |
| | | | .17 | 34 | | | |
| 40 | 170.72 | 5.36 | | | | | |
| | | | .18 | 36 | | | |
| 45 | 169.83 | 5.54 | | | | | |
| | | | .15 | 30 | | | |
| 50 | 169.05 | 5.69 | | | | | |
| | | | .29 | 58 | | | |
| 55 | 167.61 | 5.98 | | | | | |
| | | | .08 | 16 | | | |
| 60 | 167.17 | 6.06 | | | | | |
| | | | .18 | 36 | | | |
| 65 | 166.28 | 6.24 | | | | | |
| | | | .17 | 35 | | | |
| 70 | 165.40 | 6.41 | | | | | |
| | | | .20 | 40 | | | |
| 75 | 164.40 | 6.61 | | | | | |
| | | | .21 | 42 | | | |
| 80 | 163.35 | 6.82 | | | | | |
| | | | .19 | 38 | | | |
| 85 | 162.40 | 7.01 | | | | | |
| | | | .19 | 38 | | | |
| 90 | 161.47 | 7.20 | | | | | |
| | | | .10 | 20 | | | |
| 93 TD | 160.99 | 7.30 | | | | | |
| 99999 | | | | | | | |

K=Conductivity

page ____ of ____

Date Logged: 9-29-79 ΔT Well No. 847-12

| Depth (meters) | Instr. Reading | Temp. °C | ΔT | Grad. °C/km | K (Est.) | $H_2O$ Air | Lithology, etc. |
|---|---|---|---|---|---|---|---|
| 18 | 174.18 | 4.69 | 0 | | | | |
| 19 | 174.20 | 4.69 | 0 | 0 | | | |
| 20 | 174.18 | 4.69 | 0 | 0 | | | |
| 22 | 174.07 | 4.71 | .02 | 10 | | | |
| 24 | 173.91 | 4.74 | .03 | 15 | | | |
| 26 | 173.69 | 4.79 | .05 | 25 | | | |
| 28 | 173.47 | 4.83 | .04 | 20 | | | |
| 30 | 173.20 | 4.88 | .05 | 25 | | | |
| 32 | 172.91 | 4.94 | .06 | 30 | | | |
| 34 | 172.61 | 5.00 | .06 | 30 | | | |
| 36 | 172.30 | 5.06 | .06 | 30 | | | |
| 38 | 171.94 | 5.13 | .07 | 35 | | | |
| 40 | 171.58 | 5.20 | .07 | 35 | | | |
| 42 | 171.22 | 5.27 | .07 | 35 | | | |
| 44 | 170.86 | 5.34 | .07 | 35 | | | |
| 46 | 170.52 | 5.40 | .06 | 30 | | | |
| 48 | 170.13 | 5.48 | .08 | 40 | | | |
| 50 | 169.75 | 5.55 | .07 | 35 | | | |
| 52 | 169.32 | 5.64 | .09 | 45 | | | |
| 54 | 168.89 | 5.72 | .08 | 40 | | | |
| 56 | 168.48 | 5.80 | .08 | 40 | | | |
| 58 | 168.11 | 5.88 | .08 | 40 | | | |
| 60 | 167.71 | 5.96 | .08 | 40 | | | |
| 62 | 167.33 | 6.03 | .07 | 35 | | | |
| 64 | 166.92 | 6.11 | .08 | 40 | | | |
| 66 | 166.53 | 6.19 | .08 | 40 | | | |
| 68 | 166.13 | 6.27 | .08 | 40 | | | |

K=Conductivity

Date Logged: 9-29-79 ΔT Well No. 847-12

12:25 → 1:00p

| Depth (meters) | Instr. Reading | Temp. °C | ΔT | Grad. °C/km | K (Est.) | $H_2O$ Air | Lithology, etc. |
|---|---|---|---|---|---|---|---|
| .5 | 138.83 | 11.95 | | | | | |
| | | | -.16 | | | | |
| 1 | 139.56 | 11.79 | | | | | |
| | | | -.25 | | | | |
| 1.5 | 140.68 | 11.54 | | | | | |
| | | | -2.37 | | | | |
| 2 | 151.83 | 9.17 | | | | | |
| | | | -1.05 | | | | |
| 2.5 | 156.91 | 8.12 | | | | | |
| | | | -.92 | | | | |
| 3. | 161.47 | 7.20 | | | | | |
| | | | -.73 | | | | |
| 3.5 | 165.13 | 6.47 | | | | | |
| | | | -.55 | | | | |
| 4 | 167.88 | 5.92 | | | | | |
| | | | -.44 | | | | |
| 4.5 | 170.13 | 5.48 | | | | | |
| | | | -.28 | | | | |
| 5 | 171.55 | 5.20 | | | | | |
| | | | -.20 | | | | |
| 5.5 | 172.61 | 5.00 | | | | | |
| | | | -.12 | | | | |
| 6 | 173.18 | 4.88 | | | | | |
| | | | -.06 | | | | |
| 6.5 | 173.51 | 4.82 | | | | | |
| | | | -.03 | | | | |
| 7 | 173.67 | 4.79 | | | | | |
| | | | -.01 | | | | |
| 7.5 | 173.71 | 4.78 | | | | | |
| | | | .01 | 20 | | | |
| 8 | 173.69 | 4.79 | | | | | |
| | | | .01 | 20 | | | |
| 8.5 | 173.64 | 4.80 | | | | | |
| | | | .01 | 20 | | | |
| 9 | 173.58 | 4.81 | | | | | |
| | | | .01 | 20 | | | |
| 9.5 | 173.54 | 4.82 | | | | | |
| | | | 0 | 0 | | | |
| 10 | 173.51 | 4.82 | | | | | |
| | | | 0 | 0 | | | |
| 11 | 173.54 | 4.82 | | | | | |
| | | | -.02 | | | | |
| 12 | 173.62 | 4.80 | | | | | |
| | | | -.03 | | | | |
| 13 | 173.76 | 4.77 | | | | | |
| | | | -.02 | | | | |
| 14 | 173.90 | 4.75 | | | | | |
| | | | -.03 | | | | |
| 15 | 174.02 | 4.72 | | | | | |
| | | | -.02 | | | | |
| 16 | 174.11 | 4.70 | | | | | |
| | | | -.01 | | | | |
| 17 | 174.16 | 4.69 | | | | | |

K=Conductivity

Date Logged: 9-29-79 ΔT Well No. 847-12

| Depth (meters) | Instr. Reading | Temp. °C | ΔT | Grad. °C/km | K (Est.) | $H_2O$ Air | Lithology, etc. |
|---|---|---|---|---|---|---|---|
| 70 | 165.75 | 6.34 | .07 → | 35 | | | |
| 72 | 165.37 | 6.42 | .08 | 40 | | | |
| 74 | 164.98 | 6.50 | .08 | 40 | | | |
| 76 | 164.56 | 6.58 | .08 | 40 | | | |
| 78 | 164.15 | 6.66 | .08 | 40 | | | |
| 80 | 163.73 | 6.75 | .09 | 45 | | | |
| 82 | 163.31 | 6.83 | .08 | 40 | | | |
| 84 | 162.91 | 6.91 | .08 | 40 | | | |
| 86 | 162.46 | 7.00 | .09 | 45 | | | |
| 88 | 162.05 | 7.08 | .08 | 40 | | | |
| 90 | 161.67 | 7.16 | .08 | 40 | | | |
| 92 | 161.30 | 7.23 | .07 | 35 | | | |
| 93 TD | 161.11 | 7.27 | .04 | 20 | | | |

K=Conductivity

page ____ of ____

Date Logged: 8-10-79

ΔT Well No. 847-14

cable: .0424

| Depth (meters) | Instr. Reading | Temp. °C | ΔT | Grad. °C/km | K (Est.) | $H_2O$ Air | Lithology, etc. |
|---|---|---|---|---|---|---|---|
| 1 | 131.87 | 13.50 | | | | | |
| | | | -3.93 | -786 | | | |
| 2 | 149.90 | 9.57 | | | | | |
| | | | -2.91 | -582 | | | |
| 3 | 164.16 | 6.66 | | | | | |
| | | | -1.64 | -328 | | | |
| 4 | 171.49 | 5.02 | | | | | |
| | | | -.38 | -76 | | | |
| 5 | 174.40 | 4.64 | | | | | |
| | | | .35 | 70 | | | |
| 10 | 172.66 | 4.99 | | | | | |
| | | | -.04 | -8 | | | |
| 15 | 172.82 | 4.95 | | | | | |
| | | | -.04 | -8 | | | |
| 20 | 173.06 | 4.91 | | | | | |
| | | | .11 | 22 | | | |
| 25 | 172.47 | 5.02 | | | | | |
| | | | .22 | 44 | | | |
| 30 | 171.34 | 5.24 | | | | | |
| | | | .12 | 24 | | | |
| 35 | 170.76 | 5.36 | | | | | |
| | | | .19 | 38 | | | |
| 40 | 169.74 | 5.55 | | | | | |
| | | | .26 | 52 | | | |
| 45 | 168.43 | 5.81 | | | | | |
| | | | .24 | 48 | | | |
| 50 | 167.23 | 6.05 | | | | | |
| | | | .28 | 56 | | | |
| 55 | 165.83 | 6.33 | | | | | |
| | | | .25 | 50 | | | |
| 60 | 164.56 | 6.58 | | | | | |
| | | | .03 | 6 | | | |
| 65 | 163.43 | 6.61 | | | | | |
| | | | .48 | 96 | | | |
| 70 | 162.00 | 7.09 | | | | | |
| | | | .33 | 66 | | | |
| 75 | 160.39 | 7.42 | | | | | |
| | | | .32 | 64 | | | |
| 80 | 158.79 | 7.74 | | | | | |
| | | | 1.34 | 268 | | | |
| 85 | 152.24 | 9.08 | | | | | |
| | | | .53 | 106 | | | |
| 86 TD | 149.72 | 9.61 | | | | | |
| 99999 | | | | | | | |

K=Conductivity

Date Logged: 9-29-79

ΔT Well No. 847-15

2:27 → 2:37

| Depth (meters) | Instr. Reading | Temp. °C | ΔT | Grad. °C/km | K (Est.) | $H_2O$ Air | Lithology, etc. |
|---|---|---|---|---|---|---|---|
| 1 | 139.05 | 11.90 | | | | | |
| | | | -1.51 | | | | |
| 2 | 146.01 | 10.39 | | | | | |
| | | | -2.32 | | | | |
| 3 | 157.18 | 8.07 | | | | | |
| | | | -1.36 | | | | |
| 4 | 163.92 | 6.71 | | | | | |
| | | | -.42 | | | | |
| 5 | 166.00 | 6.29 | | | | | |
| | | | 1.25 | 250 | | | |
| 10 | 159.79 | 7.54 | | | | | |
| | | | -.45 | | | | |
| 15 | 162.02 | 7.09 | | | | | |
| | | | .30 | 60 | | | |
| 20 | 160.53 | 7.39 | | | | | |
| | | | .25 | 50 | | | |
| 25 | 159.30 | 7.64 | | | | | |
| | | | .43 | 186 | | | |
| 30 | 157.18 | 8.07 | | | | | |
| | | | .32 | 64 | | | |
| 35 | 155.60 | 8.39 | | | | | |
| | | | .37 | 74 | | | |
| 40 | 153.80 | 8.76 | | | | | |
| | | | .45 | 90 | | | |
| 45 | 152.13 | 9.11 | | | | | |
| | | | .31 | 62 | | | |
| 50 | 150.62 | 9.42 | | | | | |
| | | | .30 | 60 | | | |
| 55 | 149.21 | 9.72 | | | | | |
| | | | .33 | 66 | | | |
| 60 | 147.63 | 10.05 | | | | | |
| | | | .39 | 78 | | | |
| 65 | 145.81 | 10.44 | | | | | |
| | | | .35 | 70 | | | |
| 70 | 144.15 | 10.79 | | | | | |
| | | | .40 | 80 | | | |
| 75 | 142.28 | 11.19 | | | | | |
| | | | .35 | 70 | | | |
| 80 | 140.70 | 11.54 | | | | | |
| | | | .37 | 74 | | | |
| 85 | 139.01 | 11.91 | | | | | |
| | | | .40 | 80 | | | |
| 90 | 137.17 | 12.31 | | | | | |
| | | | .13 | 43.3 | | | |
| 93 TD | 136.60 | 12.44 | | | | | |

K=Conductivity

Date Logged: 9-29-79 ΔT Well No. 847-15

2:27 → 2:37

| Depth (meters) | Instr. Reading | Temp. °C | ΔT | Grad. °C/km | K (Est.) | $H_2O$ Air | Lithology, etc. |
|---|---|---|---|---|---|---|---|
| 1 | 139.05 | 11.90 | | | | | |
| | | | -1.51 | | | | |
| 2 | 146.01 | 10.39 | | | | | |
| | | | -2.32 | | | | |
| 3 | 157.18 | 8.07 | | | | | |
| | | | -1.36 | | | | |
| 4 | 163.92 | 6.71 | | | | | |
| | | | -.42 | | | | |
| 5 | 166.00 | 6.29 | | | | | |
| | | | 1.25 | 250 | | | |
| 10 | 159.79 | 7.54 | | | | | |
| | | | -.45 | | | | |
| 15 | 162.02 | 7.09 | | | | | |
| | | | .30 | 60 | | | |
| 20 | 160.53 | 7.39 | | | | | |
| | | | .25 | 50 | | | |
| 25 | 159.30 | 7.64 | | | | | |
| | | | .43 | 1865 | | | |
| 30 | 157.18 | 8.07 | | | | | |
| | | | .32 | 64 | | | |
| 35 | 155.60 | 8.39 | | | | | |
| | | | .37 | 74 | | | |
| 40 | 153.80 | 8.76 | | | | | |
| | | | .45 | 90 | | | |
| 45 | 152.13 | 9.11 | | | | | |
| | | | .31 | 62 | | | |
| 50 | 150.62 | 9.42 | | | | | |
| | | | .30 | 60 | | | |
| 55 | 149.21 | 9.72 | | | | | |
| | | | .33 | 66 | | | |
| 60 | 147.63 | 10.05 | | | | | |
| | | | .39 | 78 | | | |
| 65 | 145.81 | 10.44 | | | | | |
| | | | .35 | 70 | | | |
| 70 | 144.15 | 10.79 | | | | | |
| | | | .40 | 80 | | | |
| 75 | 142.28 | 11.19 | | | | | |
| | | | .35 | 70 | | | |
| 80 | 140.70 | 11.54 | | | | | |
| | | | .37 | 74 | | | |
| 85 | 139.01 | 11.91 | | | | | |
| | | | .40 | 80 | | | |
| 90 | 137.14 | 12.31 | | | | | |
| | | | .13 | 43.3 | | | |
| 93 TD | 136.60 | 12.44 | | | | | |

K=Conductivity

Date Logged: 9-29-79

ΔT Well No. 847-16

| Depth (meters) | Instr. Reading | Temp. °C | ΔT | Grad. °C/km | K (Est.) | $H_2O$ Air | Lithology, etc. |
|---|---|---|---|---|---|---|---|
| 1 | 147.02 | 10.18 | | | | | |
| | | | -.18 | | | | |
| 2 | 147.86 | 10.00 | | | | | |
| | | | - 1.24 | | | | |
| 3 | 153.79 | 8.76 | | | | | |
| | | | - 1.21 | | | | |
| 4 | 159.74 | 7.55 | | | | | |
| | | | -.77 | | | | |
| 5 | 163.57 | 6.78 | | | | | |
| | | | -.34 | | | | |
| 10 | 165.27 | 6.44 | | | | | |
| | | | .40 | 80 | | | |
| 15 | 163.28 | 6.84 | | | | | |
| | | | .18 | 36 | | | |
| 20 | 162.36 | 7.02 | | | | | |
| | | | .38 | 76 | | | |
| 25 | 160.45 | 7.40 | | | | | |
| | | | .61 | 122 | | | |
| 30 | 157.48 | 8.01 | | | | | |
| | | | .10 | 20 | | | |
| 35 | 156.96 | 8.11 | | | | | |
| | | | -.24 | | | | |
| 40 | 158.16 | 7.87 | | | | | |
| | | | .17 | 34 | | | |
| 45 | 157.29 | 8.04 | | | | | |
| | | | -.10 | | | | |
| 50 | 157.73 | 7.96 | | | | | |
| | | | .36 | 72 | | | |
| 55 | 155.92 | 8.32 | | | | | |
| | | | .36 | 72 | | | |
| 60 | 154.17 | 8.68 | | | | | |
| | | | .25 | 50 | | | |
| 65 | 152.96 | 8.93 | | | | | |
| | | | .26 | 52 | | | |
| 70 | 151.74 | 9.19 | | | | | |
| | | | .44 | 88 | | | |
| 75 | 149.63 | 9.63 | | | | | |
| | | | .52 | 104 | | | |
| 80 | 147.17 | 10.15 | | | | | |
| | | | .62 | 124 | | | |
| 85 | 144.24 | 10.77 | | | | | |
| | | | .39 | 78 | | | |
| 90 TD | 142.43 | 11.16 | | | | | |

K=Conductivity

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Date Logged: 9-29-79 ΔT Well No. 847-16

| Depth (meters) | Instr. Reading | Temp. °C | ΔT | Grad. °C/km | K (Est.) | $H_2O$ Air | Lithology, etc. |
|---|---|---|---|---|---|---|---|
| 1 | 147.02 | 10.18 | | | | | |
| | | | -.18 | | | | |
| 2 | 147.86 | 10.00 | | | | | |
| | | | -1.24 | | | | |
| 3 | 153.79 | 8.76 | | | | | |
| | | | -1.21 | | | | |
| 4 | 159.74 | 7.55 | | | | | |
| | | | -.77 | | | | |
| 5 | 163.57 | 6.78 | | | | | |
| | | | -.34 | | | | |
| 10 | 165.27 | 6.44 | | | | | |
| | | | .40 | 80 | | | |
| 15 | 163.28 | 6.84 | | | | | |
| | | | .18 | 36 | | | |
| 20 | 162.36 | 7.02 | | | | | |
| | | | .38 | 76 | | | |
| 25 | 160.45 | 7.40 | | | | | |
| | | | .61 | 122 | | | |
| 30 | 157.48 | 8.01 | | | | | |
| | | | .10 | 20 | | | |
| 35 | 156.96 | 8.11 | | | | | |
| | | | -.24 | | | | |
| 40 | 158.16 | 7.87 | | | | | |
| | | | .17 | 34 | | | |
| 45 | 157.29 | 8.04 | | | | | |
| | | | -.10 | | | | |
| 50 | 157.73 | 7.96 | | | | | |
| | | | .36 | 72 | | | |
| 55 | 155.92 | 8.32 | | | | | |
| | | | .36 | 72 | | | |
| 60 | 154.17 | 8.68 | | | | | |
| | | | .25 | 50 | | | |
| 65 | 152.96 | 8.93 | | | | | |
| | | | .26 | 52 | | | |
| 70 | 151.74 | 9.19 | | | | | |
| | | | .44 | 88 | | | |
| 75 | 149.63 | 9.63 | | | | | |
| | | | .52 | 104 | | | |
| 80 | 147.17 | 10.15 | | | | | |
| | | | .62 | 124 | | | |
| 85 | 144.24 | 10.77 | | | | | |
| | | | .39 | 78 | | | |
| 90 TD | 142.43 | 11.16 | | | | | |

K=Conductivity

page ____ of ____

Date Logged: 24-9-79

ΔT Well No. 847-17

| Depth (meters) | Instr. Reading | Temp. °C | ΔT | Grad. °C/km | K (Est.) | $H_2O$ Air | Lithology, etc. |
|---|---|---|---|---|---|---|---|
| 5 | 163.67 | 8.79 | | | | | |
| | | | -1.77 | | | | |
| 10 | 162.35 | 7.02 | | | | | |
| | | | .32 | 64 | | | |
| 15 | 160.77 | 7.34 | | | | | |
| | | | .19 | 38 | | | |
| 20 | 159.81 | 7.53 | | | | | |
| | | | .19 | 38 | | | |
| 25 | 158.92 | 7.72 | | | | | |
| | | | .25 | 50 | | | |
| 30 | 157.65 | 7.97 | | | | | |
| | | | .28 | 56 | | | |
| 35 | 156.30 | 8.25 | | | | | |
| | | | .24 | 48 | | | |
| 40 | 155.09 | 8.49 | | | | | |
| | | | .28 | 56 | | | |
| 45 | 153.75 | 8.77 | | | | | |
| | | | .27 | 54 | | | |
| 50 | 152.43 | 9.04 | | | | | |
| | | | .27 | 54 | | | |
| 55 | 151.14 | 9.31 | | | | | |
| | | | .27 | 54 | | | |
| 60 | 149.85 | 9.58 | | | | | |
| | | | .28 | 56 | | | |
| 65 | 148.51 | 9.86 | | | | | |
| | | | .11 | 27.5 | | | |
| ~~70~~ 69 | 148.03 | 19.97 | | | | | |
| 75 | Blocked! | | | | | | |
| 80 | | | | | | | |
| 85 | | | | | | | |
| 90 | | | | | | | |

K=Conductivity



over

Date Logged: 24-9-79 ΔT Well No. 847-17

| Depth (meters) | Instr. Reading | Temp. °C | ΔT | Grad. °C/km | K (Est.) | $H_2O$ Air | Lithology, etc. |
|---|---|---|---|---|---|---|---|
| 5 | 163.67 | 8.79 | | | | | |
| | | | -1.77 | | | | |
| 10 | 162.35 | 7.02 | | | | | |
| | | | .32 | 64 | | | |
| 15 | 160.77 | 7.34 | | | | | |
| | | | .19 | 38 | | | |
| 20 | 159.81 | 7.53 | | | | | |
| | | | .19 | 38 | | | |
| 25 | 158.92 | 7.72 | | | | | |
| | | | .25 | 50 | | | |
| 30 | 157.65 | 7.97 | | | | | |
| | | | .28 | 56 | | | |
| 35 | 156.30 | 8.25 | | | | | |
| | | | .24 | 48 | | | |
| 40 | 155.09 | 8.49 | | | | | |
| | | | .28 | 56 | | | |
| 45 | 153.75 | 8.77 | | | | | |
| | | | .27 | 54 | | | |
| 50 | 152.43 | 9.04 | | | | | |
| | | | .27 | 54 | | | |
| 55 | 151.14 | 9.31 | | | | | |
| | | | .27 | 54 | | | |
| 60 | 149.85 | 9.58 | | | | | |
| | | | .28 | 56 | | | |
| 65 | 148.51 | 9.86 | | | | | |
| | | | .11 | 27.5 | | | |
| ~~70~~ 69 | 148.03 | 19.97 | | | | | |
| 75 | Blocked! | | | | | | |
| 80 | | | | | | | |
| 85 | | | | | | | |
| 90 | | | | | | | |

K=Conductivity

Date Logged: 24-9-79 ΔT Well No. 847-18

| Depth (meters) | Instr. Reading | Temp. °C | ΔT | Grad. °C/km | K (Est.) | $H_2O$ Air | Lithology, etc. |
|---|---|---|---|---|---|---|---|
| 5 | 170.46 | 5.42 | | | | | |
| | | | .63 | 126 | | | |
| 10 | 167.22 | 6.05 | | | | | |
| | | | .70 | 140 | | | |
| 15 | 163.70 | 6.75 | | | | | |
| | | | .60 | 120 | | | |
| 20 | 160.73 | 7.35 | | | | | |
| | | | .22 | 44 | | | |
| 25 | 159.65 | 7.57 | | | | | |
| | | | .40 | 80 | | | |
| 30 | 157.67 | 7.97 | | | | | |
| | | | .31 | 62 | | | |
| 35 | 156.15 | 8.28 | | | | | |
| | | | .29 | 58 | | | |
| 40 | 154.74 | 8.57 | | | | | |
| | | | .30 | 60 | | | |
| 45 | 153.26 | 8.87 | | | | | |
| | | | .28 | 56 | | | |
| 50 | 151.92 | 9.15 | | | | | |
| | | | .31 | 62 | | | |
| 55 | 150.44 | 9.46 | | | | | |
| | | | .22 | 44 | | | |
| 60 | 149.38 | 9.68 | | | | | |
| | | | .30 | 60 | | | |
| 65 | 147.96 | 9.98 | | | | | |
| | | | .28 | 56 | | | |
| 70 | 146.62 | 10.26 | | | | | |
| | | | .28 | 56 | | | |
| 75 | 145.34 | 10.54 | | | | | |
| | | | .28 | 56 | | | |
| 80 | 144.01 | 10.82 | | | | | |
| | | | .29 | 58 | | | |
| 85 | 142.68 | 11.11 | | | | | |
| | | | .28 | 56 | | | |
| 90 | 141.40 | 11.39 | | | | | |
| | | | .17 | 34 | | | |
| 95 | 140.59 | 11.56 | | | | | |

K=Conductivity

page ____ of ____

Date Logged: 24-9-79

ΔT Well No. 847-20

| Depth (meters) | Instr. Reading | Temp. °C | ΔT | Grad. °C/km | K (Est.) | $H_2O$ Air | Lithology, etc. |
|---|---|---|---|---|---|---|---|
| 5 | 160.41 | 7.41 | | | | | |
| | | | -.81 | | | | |
| 10 | 164.45 | 6.60 | | | | | |
| | | | .31 | 62 | | | |
| 15 | 162.92 | 6.91 | | | | | |
| | | | .29 | 58 | | | |
| 20 | 161.46 | 7.20 | | | | | |
| | | | .53 | 106 | | | |
| 25 | 158.82 | 7.73 | | | | | |
| | | | .55 | 110 | | | |
| 30 | 156.12 | 8.28 | | | | | |
| | | | .50 | 100 | | | |
| 35 | 153.71 | 8.78 | | | | | |
| | | | .46 | 92 | | | |
| 40 | 151.47 | 9.24 | | | | | |
| | | | .45 | 90 | | | |
| 45 | 149.34 | 9.69 | | | | | |
| | | | .46 | 92 | | | |
| 50 | 147.14 | 10.15 | | | | | |
| | | | .48 | 96 | | | |
| 55 | 144.91 | 10.63 | | | | | |
| | | | .50 | 100 | | | |
| 60 | 142.57 | 11.13 | | | | | |
| | | | .56 | 112 | | | |
| 65 | 140.01 | 11.69 | | | | | |
| | | | .57 | 114 | | | |
| 70 | 137.40 | 12.26 | | | | | |
| | | | .54 | 108 | | | |
| 75 | 134.98 | 12.80 | | | | | |
| | | | .60 | 120 | | | |
| 80 | 132.32 | 13.40 | | | | | |
| | | | .22 | 44 | | | |
| 85 | 131.36 | 13.62 | | | | | |
| | | | .24 | 48 | | | |
| 90 | 130.29 | 13.86 | | | | | |
| | | | .27 | 67.5 | | | |
| 94 TD | 129.14 | 14.13 | | | | | |

K=Conductivity

Date Logged: 24-9-79 ΔT Well No. 847-20

| Depth (meters) | Instr. Reading | Temp. °C | ΔT | Grad. °C/km | K (Est.) | $H_2O$ Air | Lithology, etc. |
|---|---|---|---|---|---|---|---|
| 5 | 160.41 | 7.41 | | | | | |
| 10 | 164.45 | 6.60 | -.81 | | | | |
| 15 | 162.92 | 6.91 | .31 | 62 | | | |
| 20 | 161.46 | 7.20 | .29 | 58 | | | |
| 25 | 158.82 | 7.73 | .53 | 106 | | | |
| 30 | 156.12 | 8.28 | .55 | 110 | | | |
| 35 | 153.71 | 8.78 | .50 | 100 | | | |
| 40 | 151.47 | 9.24 | .46 | 92 | | | |
| 45 | 149.34 | 9.69 | .45 | 90 | | | |
| 50 | 147.14 | 10.15 | .46 | 92 | | | |
| 55 | 144.91 | 10.63 | .48 | 96 | | | |
| 60 | 142.57 | 11.13 | .50 | 100 | | | |
| 65 | 140.01 | 11.69 | .56 | 112 | | | |
| 70 | 137.40 | 12.26 | .57 | 114 | | | |
| 75 | 134.98 | 12.80 | .54 | 108 | | | |
| 80 | 132.32 | 13.40 | .60 | 120 | | | |
| 85 | 131.36 | 13.62 | .22 | 44 | | | |
| 90 | 130.29 | 13.86 | .24 | 48 | | | |
| 94 TD | 129.14 | 14.13 | .27 | 67.5 | | | |

K=Conductivity

Date Logged: 24-9-79 ΔT Well No. 847-21

| Depth (meters) | Instr. Reading | Temp. °C | ΔT | Grad. °C/km | K (Est.) | $H_2O$ Air | Lithology, etc. |
|---|---|---|---|---|---|---|---|
| 5 | 168.04 | 5.89 | | | | | |
| | | | .42 | 84 | | | |
| 10 | 165.90 | 6.31 | | | | | |
| | | | .11 | 22 | | | |
| 15 | 165.36 | 6.42 | | | | | |
| | | | .34 | 68 | | | |
| 20 | 163.66 | 6.76 | | | | | |
| | | | .22 | 44 | | | |
| 25 | 162.54 | 6.98 | | | | | |
| | | | .25 | 50 | | | |
| 30 | 161.29 | 7.23 | | | | | |
| | | | .26 | 52 | | | |
| 35 | 160.01 | 7.49 | | | | | |
| | | | .25 | 50 | | | |
| 40 | 158.80 | 7.74 | | | | | |
| | | | .26 | 52 | | | |
| 45 | 157.52 | 8.00 | | | | | |
| | | | .25 | 50 | | | |
| 50 | 156.30 | 8.25 | | | | | |
| | | | .25 | 50 | | | |
| 55 | 155.07 | 8.50 | | | | | |
| | | | .24 | 48 | | | |
| 60 | 153.92 | 8.74 | | | | | |
| | | | .25 | 50 | | | |
| 65 | 152.70 | 8.99 | | | | | |
| | | | .25 | 50 | | | |
| 70 | 151.47 | 9.24 | | | | | |
| | | | .26 | 52 | | | |
| 75 | 150.23 | 9.50 | | | | | |
| | | | .25 | 50 | | | |
| 80 | 149.05 | 9.75 | | | | | |
| | | | .25 | 50 | | | |
| 85 | 147.84 | 10.00 | | | | | |
| | | | .28 | 56 | | | |
| 90 | 146.54 | 10.28 | | | | | |
| | | | .02 | | | | |
| 91 TD | 146.44 | 10.30 | | | | | |

K=Conductivity

Date Logged: 24-9-79

ΔT Well No. 847-22

| Depth (meters) | Instr. Reading | Temp. °C | ΔT | Grad. °C/km | K (Est.) | $H_2O$ Air | Lithology, etc. |
|---|---|---|---|---|---|---|---|
| 5 | 163.18 | 6.86 | | | | | |
| | | | -.33 | | | | |
| 10 | 164.80 | 6.53 | | | | | |
| | | | .40 | 80 | | | |
| 15 | 162.83 | 6.93 | | | | | |
| | | | .33 | 66 | | | |
| 20 | 161.16 | 7.26 | | | | | |
| | | | .57 | 114 | | | |
| 25 | 158.35 | 7.83 | | | | | |
| | | | .52 | 104 | | | |
| 30 | 155.82 | 8.35 | | | | | |
| | | | .50 | 100 | | | |
| 35 | 153.38 | 8.85 | | | | | |
| | | | .49 | 98 | | | |
| 40 | 151.01 | 9.34 | | | | | |
| | | | .50 | 100 | | | |
| 45 | 148.63 | 9.84 | | | | | |
| | | | .41 | 82 | | | |
| 50 | 146.70 | 10.25 | | | | | |
| | | | .37 | 74 | | | |
| 55 | 144.93 | 10.62 | | | | | |
| | | | .54 | 108 | | | |
| 60 | 142.46 | 11.16 | | | | | |
| | | | .28 | 56 | | | |
| 65 | 141.16 | 11.44 | | | | | |
| | | | .38 | 76 | | | |
| 70 | 139.39 | 11.82 | | | | | |
| | | | .40 | 80 | | | |
| 75 | 137.60 | 12.22 | | | | | |
| | | | .34 | 68 | | | |
| 80 | 136.07 | 12.56 | | | | | |
| | | | .39 | 78 | | | |
| 85 | 134.32 | 12.95 | | | | | |
| | | | .32 | 64 | | | |
| 90 | 132.89 | 13.27 | | | | | |
| | | | .16 | | | | |
| ~92 | 132.20 | 13.43 | | | | | |

K=Conductivity

Date Logged: 24-9-79 ΔT Well No. 847-22

| Depth (meters) | Instr. Reading | Temp. °C | ΔT | Grad. °C/km | K (Est.) | $H_2O$ Air | Lithology, etc. |
|---|---|---|---|---|---|---|---|
| 5 | 163.18 | 6.86 | | | | | |
| | | | -.33 | | | | |
| 10 | 164.80 | 6.53 | | | | | |
| | | | .40 | 80 | | | |
| 15 | 162.83 | 6.93 | | | | | |
| | | | .33 | 66 | | | |
| 20 | 161.16 | 7.26 | | | | | |
| | | | .57 | 114 | | | |
| 25 | 158.35 | 7.83 | | | | | |
| | | | .52 | 104 | | | |
| 30 | 155.82 | 8.35 | | | | | |
| | | | .50 | 100 | | | |
| 35 | 153.38 | 8.85 | | | | | |
| | | | .49 | 98 | | | |
| 40 | 151.01 | 9.34 | | | | | |
| | | | .50 | 100 | | | |
| 45 | 148.63 | 9.84 | | | | | |
| | | | .41 | 82 | | | |
| 50 | 146.70 | 10.25 | | | | | |
| | | | .37 | 74 | | | |
| 55 | 144.93 | 10.62 | | | | | |
| | | | .54 | 108 | | | |
| 60 | 142.46 | 11.16 | | | | | |
| | | | .28 | 56 | | | |
| 65 | 141.16 | 11.44 | | | | | |
| | | | .38 | 76 | | | |
| 70 | 139.39 | 11.82 | | | | | |
| | | | .40 | 80 | | | |
| 75 | 137.60 | 12.22 | | | | | |
| | | | .34 | 68 | | | |
| 80 | 136.07 | 12.56 | | | | | |
| | | | .39 | 78 | | | |
| 85 | 134.32 | 12.95 | | | | | |
| | | | .32 | 64 | | | |
| 90 | 132.89 | 13.27 | | | | | |
| | | | .16 | | | | |
| ~92 | 132.20 | 13.43 | | | | | |

K=Conductivity

Date Logged: 24-9-79 ΔT Well No. 847-23

| Depth (meters) | Instr. Reading | Temp. °C | ΔT | Grad. °C/km | K (Est.) | $H_2O$ Air | Lithology, etc. |
|---|---|---|---|---|---|---|---|
| 5 | 168.95 | 5.71 | | | | | |
| | | | .32 | 64 | | | |
| 10 | 167.32 | 6.03 | | | | | |
| | | | .15 | 30 | | | |
| 15 | 166.58 | 6.18 | | | | | |
| | | | .68 | 136 | | | |
| 20 | 163.15 | 6.86 | | | | | |
| | | | .59 | 118 | | | |
| 25 | 160.22 | 7.45 | | | | | |
| | | | .30 | 60 | | | |
| 30 | 158.72 | 7.75 | | | | | |
| | | | .42 | 84 | | | |
| 35 | 156.66 | 8.17 | | | | | |
| | | | .53 | 106 | | | |
| 40 | 154.12 | 8.70 | | | | | |
| | | | .52 | 104 | | | |
| 45 | 151.57 | 9.22 | | | | | |
| | | | .55 | 110 | | | |
| 50 | 148.98 | 9.77 | | | | | |
| | | | .52 | 104 | | | |
| 55 | 146.48 | 10.29 | | | | | |
| | | | .52 | 104 | | | |
| 60 | 144.07 | 10.81 | | | | | |
| | | | .25 | 50 | | | |
| 65 TD? | 142.90 | 11.06 | | | | | |
| 70 | | | | | | | |
| 75 | | | | | | | |
| 80 | | | | | | | |
| 85 | | | | | | | |
| 90 | | | | | | | |

K=Conductivity

Date Logged: 24-9-79 ΔT Well No. 847-25

| Depth (meters) | Instr. Reading | Temp. °C | ΔT | Grad. °C/km | K (Est.) | $H_2O$ Air | Lithology, etc. |
|---|---|---|---|---|---|---|---|
| 5 | 166.41 | 6.21 | | | | | |
| | | | .15 | 30 | | | |
| 10 | 165.69 | 6.36 | | | | | |
| | | | .49 | 98 | | | |
| 15 | 163.21 | 6.85 | | | | | |
| | | | .47 | 94 | | | |
| 20 | 160.86 | 7.32 | | | | | |
| | | | .46 | 92 | | | |
| 25 | 158.58 | 7.78 | | | | | |
| | | | .48 | 96 | | | |
| 30 | 156.24 | 8.26 | | | | | |
| | | | .41 | 82 | | | |
| 35 | 154.23 | 8.67 | | | | | |
| | | | .45 | 90 | | | |
| 40 | 152.08 | 9.12 | | | | | |
| | | | .40 | 80 | | | |
| 45 | 150.13 | 9.52 | | | | | |
| | | | .42 | 84 | | | |
| 50 | 148.16 | 9.94 | | | | | |
| | | | .40 | 80 | | | |
| 55 | 146.25 | 10.34 | | | | | |
| | | | .43 | 83 | | | |
| 60 | 144.27 | 10.77 | | | | | |
| | | | .34 | 68 | | | |
| 65 | 142.65 | 11.11 | | | | | |
| | | | .33 | 66 | | | |
| 70 | 141.16 | 11.44 | | | | | |
| | | | .39 | 78 | | | |
| 75 | 139.38 | 11.83 | | | | | |
| | | | .44 | 88 | | | |
| 80 | 137.36 | 12.27 | | | | | |
| | | | .47 | 94 | | | |
| 85 | 135.25 | 12.74 | | | | | |
| | | | .43 | 86 | | | |
| 90 TD | 133.36 | 13.17 | | | | | |

K=Conductivity

Date Logged: 25-9-79

ΔT Well No. 847-28

| Depth (meters) | Instr. Reading | Temp. °C | ΔT | Grad. °C/km | K (Est.) | $H_2O$ Air | Lithology, etc. |
|---|---|---|---|---|---|---|---|
| 5 | 155.72 | 8.37 | | | | | |
| | | | 2.84 | | | | |
| 10 | 142.23 | 11.21 | | | | | |
| | | | -.40 | | | | |
| 15 | 144.05 | 10.81 | | | | | |
| | | | .05 | 10 | | | |
| 20 | 143.81 | 10.86 | | | | | |
| | | | 0 | 0 | | | |
| 25 | 143.81 | 10.86 | | | | | |
| | | | .05 | 10 | | | |
| 30 | 143.60 | 10.91 | | | | | |
| | | | 0 | 0 | | | |
| 35 | 143.58 | 10.91 | | | | | |
| | | | .05 | 10 | | | |
| 40 | 143.36 | 10.96 | | | | | |
| | | | .01 | 2 | | | |
| 45 | 143.33 | 10.97 | | | | | |
| | | | -.01 | - | | | |
| 50 | 143.36 | 10.96 | | | | | |
| | | | .07 | 14 | | | |
| 55 | 143.04 | 11.03 | | | | | |
| | | | .05 | 10 | | | |
| 60 | 142.81 | 11.08 | | | | | |
| | | | .19 | 38 | | | |
| 65 | 141.93 | 11.27 | | | | | |
| | | | .10 | 20 | | | |
| 70 | 141.46 | 11.37 | | | | | |
| | | | 0 | 0 | | | |
| 75 | 141.49 | 11.37 | | | | | |
| | | | .05 | 10 | | | |
| 80 | 141.25 | 11.42 | | | | | |
| | | | .19 | 38 | | | |
| 85 | 140.36 | 11.61 | | | | | |
| | | | .19 | 47.5 | | | |
| 89 TD | 139.50 | 11.80 | | | | | |

K=Conductivity

Date Logged: 25-9-79 ΔT Well No. 847-28

| Depth (meters) | Instr. Reading | Temp. °C | ΔT | Grad. °C/km | K (Est.) | $H_2O$ Air | Lithology, etc. |
|---|---|---|---|---|---|---|---|
| 5 | 155.72 | 8.37 | | | | | |
| | | | 2.84 | | | | |
| 10 | 142.23 | 11.21 | | | | | |
| | | | -.40 | | | | |
| 15 | 144.05 | 10.81 | | | | | |
| | | | .05 | 10 | | | |
| 20 | 143.81 | 10.86 | | | | | |
| | | | 0 | 0 | | | |
| 25 | 143.81 | 10.86 | | | | | |
| | | | .05 | 10 | | | |
| 30 | 143.60 | 10.91 | | | | | |
| | | | 0 | 0 | | | |
| 35 | 143.58 | 10.91 | | | | | |
| | | | .05 | 10 | | | |
| 40 | 143.36 | 10.96 | | | | | |
| | | | .01 | 2 | | | |
| 45 | 143.33 | 10.97 | | | | | |
| | | | -.01 | - | | | |
| 50 | 143.36 | 10.96 | | | | | |
| | | | .07 | 14 | | | |
| 55 | 143.04 | 11.03 | | | | | |
| | | | .05 | 10 | | | |
| 60 | 142.81 | 11.08 | | | | | |
| | | | .19 | 38 | | | |
| 65 | 141.93 | 11.27 | | | | | |
| | | | .10 | 20 | | | |
| 70 | 141.46 | 11.37 | | | | | |
| | | | 0 | 0 | | | |
| 75 | 141.49 | 11.37 | | | | | |
| | | | .05 | 10 | | | |
| 80 | 141.25 | 11.42 | | | | | |
| | | | .19 | 38 | | | |
| 85 | 140.36 | 11.61 | | | | | |
| | | | .19 | 47.5 | | | |
| 89 TD | 139.50 | 11.80 | | | | | |

K=Conductivity

Date Logged: 24-9-79 ΔT Well No. 847 29

| Depth (meters) | Instr. Reading | Temp. °C | ΔT | Grad. °C/km | K (Est.) | $H_2O$ Air | Lithology, etc. |
|---|---|---|---|---|---|---|---|
| 5 | 159.00 | 7.70 | | | | | |
| | | | -.80 | | | | |
| 10 | 162.96 | 6.90 | | | | | |
| | | | .17 | 34 | | | |
| 15 | 162.13 | 7.07 | | | | | |
| | | | .18 | 36 | | | |
| 20 | 161.21 | 7.25 | | | | | |
| | | | .23 | 46 | | | |
| 25 | 160.05 | 7.48 | | | | | |
| | | | .24 | 48 | | | |
| 30 | 158.90 | 7.72 | | | | | |
| | | | .15 | 30 | | | |
| 35 | 158.17 | 7.87 | | | | | |
| | | | .28 | 56 | | | |
| 40 | 156.77 | 8.15 | | | | | |
| | | | .20 | 40 | | | |
| 45 | 155.82 | 8.35 | | | | | |
| | | | .19 | 38 | | | |
| 50 | 154.88 | 8.54 | | | | | |
| | | | .25 | 50 | | | |
| 55 | 153.68 | 8.79 | | | | | |
| | | | .21 | 42 | | | |
| 60 | 152.63 | 9.00 | | | | | |
| | | | .24 | 48 | | | |
| 65 | 151.47 | 9.24 | | | | | |
| | | | .24 | 48 | | | |
| 70 | 150.36 | 9.48 | | | | | |
| | | | .19 | 38 | | | |
| 75 | 149.45 | 9.67 | | | | | |
| | | | .26 | 52 | | | |
| 80 | 148.21 | 9.93 | | | | | |
| | | | .26 | 52 | | | |
| 85 | 146.98 | 10.19 | | | | | |
| | | | .34 | 68 | | | |
| 90 | 145.36 | 10.53 | | | | | |
| | | | .06 | 30 | | | |
| 92 TD | 145.08 | 10.59 | | | | | |

K=Conductivity

Date Logged: 24-9-79 ΔT Well No. 847 29

| Depth (meters) | Instr. Reading | Temp. °C | ΔT | Grad. °C/km | K (Est.) | $H_2O$ Air | Lithology, etc. |
|---|---|---|---|---|---|---|---|
| 5 | 159.00 | 7.70 | | | | | |
| | | | -.80 | | | | |
| 10 | 162.96 | 6.90 | | | | | |
| | | | .17 | 34 | | | |
| 15 | 162.13 | 7.07 | | | | | |
| | | | .18 | 36 | | | |
| 20 | 161.21 | 7.25 | | | | | |
| | | | .23 | 46 | | | |
| 25 | 160.05 | 7.48 | | | | | |
| | | | .24 | 48 | | | |
| 30 | 158.90 | 7.72 | | | | | |
| | | | .15 | 30 | | | |
| 35 | 158.17 | 7.87 | | | | | |
| | | | .28 | 56 | | | |
| 40 | 156.77 | 8.15 | | | | | |
| | | | .20 | 40 | | | |
| 45 | 155.82 | 8.35 | | | | | |
| | | | .19 | 38 | | | |
| 50 | 154.88 | 8.54 | | | | | |
| | | | .25 | 50 | | | |
| 55 | 153.68 | 8.79 | | | | | |
| | | | .21 | 42 | | | |
| 60 | 152.63 | 9.00 | | | | | |
| | | | .24 | 48 | | | |
| 65 | 151.47 | 9.24 | | | | | |
| | | | .24 | 48 | | | |
| 70 | 150.36 | 9.48 | | | | | |
| | | | .19 | 38 | | | |
| 75 | 149.45 | 9.67 | | | | | |
| | | | .26 | 52 | | | |
| 80 | 148.21 | 9.93 | | | | | |
| | | | .26 | 52 | | | |
| 85 | 146.98 | 10.19 | | | | | |
| | | | .34 | 68 | | | |
| 90 | 145.36 | 10.53 | | | | | |
| | | | .06 | 30 | | | |
| 92.70 | 145.08 | 10.59 | | | | | |

K=Conductivity