

860712

①

WINDY, V216

July 24/90

1990 MAGNETOMETER SURVEY

| <u>LINE</u> | <u>STATION</u> | <u>TIME</u> | <u>READING</u> |
|-------------|----------------|-------------|----------------|
| MAG. BASE | | 2:45 | 5508-5518 |
| L 10400 N | 8780 E | | 58520 |
| | 8790 E | | 58520 |
| | 8800 E | | 640 |
| | 8810 E | | 630 |
| | 8820 E | | 560 |
| | 8830 E | | 565 |
| | 8840 E | | 525 |
| | 8850 E | | 340 |
| | 8860 E | 2:50 | 345 |
| L 10420 N | 8860 E | 2:52 | 348 |
| | 8850 E | | 485 |
| | 8840 | | 695 |
| | 8830 | | 570 |
| | 8820 | | 494 |
| | 8810 | | 605 |
| | 8800 | | 520 |
| | 8790 | | 311 |
| | 8780 | | 245 |
| | 8770 | | 308 |
| | 8760 | | 405 |
| | 8750 | | 360 |
| | 8740 | | 375 |
| | 8730 | | 326 |
| | 8720 | | 252 |

MAG (CONT'D)

| <u>LINE</u> | <u>STATION</u> | <u>TIME</u> | <u>READING</u> |
|-------------|----------------|-------------|----------------|
| L. 10420 N | 8710 E | | 58 240 |
| | 8700 | | 340 |
| | 8690 | | 480 |
| | 8680 | | 590 |
| | 8670 | | 410 |
| | 8660 | | 366 |
| | 8650 | | 320 |
| | 8640 | | 295 |
| | 8630 | | 414 |
| | 8620 | | 390 |
| | 8610 | | 295 |
| | 8600 | 3:06 | 270 |
| L. 10400 N | 8620 E | 3:10 | 58 210 |
| | 8630 | | 258 |
| | 8640 | | 345 |
| | 8650 | | 359 |
| | 8660 | | 370 |
| | 8670 | | 210 |
| | 8680 | | 137 |
| | 8690 | | 250 |
| ‡ | 8700 | | 218 |
| | 8710 | | 245 |
| | 8720 | | 227 |
| | 8730 | | 268 |
| | 8740 | | 335 |
| | 8750 | | 251 |
| | 8760 | | 286 |
| | 8770 | | 460 |
| BASE | 8780 E | 3:19 | 58 520 |

MAG (CONT'D)

③

| <u>LINE</u> | <u>STATION</u> | <u>TIME</u> | <u>READING</u> |
|-------------|----------------|-------------|----------------|
| L 10450 N | 8840 E | 3:23 | 58345 |
| | 8830 | | 438 |
| | 8820 | | 460 |
| | 8810 | | 605 |
| | 8800 | | 565 |
| | 8790 | | 602 |
| | 8780 | | 430 |
| | 8770 | | 425 |
| | 8760 | | 525 |
| | 8750 | | 485 |
| | 8740 | | 587 |
| | 8730 | | 377 |
| | 8720 | | 3:28 |
| | 8710 | 365 | |
| | 8700 | 295 | |
| | 8690 | 345 | |
| | 8680 | 380 | |
| | 8670 | 510 | |
| | 8660 | 415 | |
| | 8650 | 453 | |
| | 8640 | 345 | |
| | 8630 | 440 | |
| | 8620 | 360 | |
| 8610 | 490 | | |
| | 3:35 | 58276 | |
| L 10500 N | 8590 | 3:38 | 58180 |
| | 8600 | | 170 |
| | 8610 | | 370 |

MAG (CONT'D)

④

| <u>LINE</u> | <u>STATION</u> | <u>TIME</u> | <u>READING</u> | |
|-------------|----------------|-------------|----------------|-------|
| L. 10500N | 8620 E | | 58360 | |
| | 8630 | | 313 | |
| | 8640 | | 315 | |
| | 8650 | | 364 | |
| | 8660 | | 412 | |
| | 8670 | | 392 | |
| | 8680 | 3:43 | 58405 | |
| | 8690 | | 395 | |
| | 8700 | | 386 | |
| | 8710 | | 385 | |
| | 8720 | | 420 | |
| | 8730 | | 500 | |
| | 8740 | | 384 | |
| | 8750 | | 176 | |
| | 8760 | | 369 | |
| | 8770 | | 437 | |
| | 8780 | | 445 | |
| | 8790 | | 320 | |
| | 8800 | | 470 | |
| | 8810 | | 340 | |
| | 8820 | | 238 | |
| | 8830 | | 255 | |
| | 8840 | | 275 | |
| | 8850 | 3:53 | 375 | |
| | L 10550N | 8840 | 3:56 | 58410 |
| | | 8830 | | 455 |
| | | 8820 | | 400 |
| 8810 | | | 485 | |
| 8800 | | | 270 | |

MAG (CONT'D)

⑤

| <u>LINE</u> | <u>STATION</u> | <u>TIME</u> | <u>READING</u> |
|-------------|----------------|-------------|----------------|
| L. 10550 N | 8790 E | | 58255 |
| | 80 | | 155 |
| | 70 | | 220 |
| | 60 | | 370 |
| | 50 | | 400 |
| | 40 | | 400 |
| | 30 | | 495 |
| | 20 | | 510 |
| | 10 | | 470 |
| | 8700 | | 435 |
| | 8690 | | 380 |
| | 80 | | 400 |
| | 70 | | 386 |
| | 60 | | 412 |
| | 50 | | 448 |
| | 40 | | 420 |
| | 30 | | 379 |
| | 20 | | 265 |
| | 10 | | 208 |
| | 8600 | | 260 |
| | 8590 | | 200 |
| | 8580 E | 4:10 | 58140 |
| L. 10600 N | 8590 E | 4:11 | 58190 |
| | 8600 E | | 415 |
| | 10 | | 336 |
| | 20 | | 289 |
| | 30 | | 216 |
| | 8640 | | 285 |

| <u>LINE</u> | <u>STATION</u> | <u>TIME</u> | <u>READING</u> |
|-------------|----------------|-------------|----------------|
| L. 10600N | 8650 E | | 58326 |
| | 60 | | 395 |
| | 70 | | 430 |
| | 80 | | 515 |
| | 90 | | 434 |
| | 8700 | | 420 |
| | 10 | | 456 |
| | 20 | | 449 |
| | 30 | 4:20 | 500 |
| | 40 | | 515 |
| | 50 | | 515 |
| | 60 | | 470 |
| | 70 | | 378 |
| | 80 | | 339 |
| | 90 | | 286 |
| | 88 00 | 4:23 | 255 |
| | 88 10 | | 204 |
| | 20 | | 170 |
| | 30 | | 411 |
| | 40 | | 690 |
| 50 | | 640 | |
| 60 | | 446 | |
| 88 70 E | 4:28 | 256 | |
| L. 10700N | 8840 E | 4:32 | 58180 |
| | 30 | | 195 |
| | 20 | | 135 |
| | 10 | | 130 |
| | 88 00 | | 127 |
| | 8790 | | 140 |

| <u>LINE</u> | <u>STATION</u> | <u>TIME</u> | <u>READING</u> |
|-----------------|----------------|-------------|----------------|
| 8780 | | | |
| L. 10700 N | 8780 E | | 58 175 |
| | 70 | | 245 |
| | 60 | | 170 |
| | 50 | | 290 |
| | 40 | | 385 |
| | 30 | | 492 |
| | 20 | | 566 |
| | 10 | | 450 |
| | 8700 | 4:41 | 442 |
| | 8690 | | 376 |
| | 80 | | 245 |
| | 70 | | 165 |
| | 60 | | 300 |
| | 50 | | 410 |
| | 40 | | 380 |
| | 30 | | 554 |
| | 20 | | 440 |
| | 10 | | 385 |
| | 8600 | | 300 |
| | 8590 | | 255 |
| | 80 | | 317 |
| | 70 | | 390 |
| L. 10700 N | 85 60 E | 4:50 | 58 320 |
| BASE L. 10400 N | | 5:02 | 58 535 |

SAT. July 21/90 L. JOHNSON

SEATTLE

L. JOHNSON

| STATION | CAN | FIND STRENGTH | DIP |
|----------------|------|---------------|------------|
| 8600 | 166 | 46 | -4 -4 C |
| CK 5m E @ 340° | | | |
| 10 | 166 | 42 | 0 +5 -12 |
| 20 | ✓ | 39 | +5 +8 -3 |
| 30 | ✓ | 41 | +3 +8 +3 |
| 40 | ✓ | 44 | +5 +5 +11 |
| 50 | ✓ | 50 | 0 -3 +15 |
| 60 | ✓ | 45 | -3 -10 +12 |
| 70 | ✓ | 45 | -7 -15 +3 |
| 80 | ✓ | 44 | -8 -13 -8 |
| 90 | ✓ | 41 | -5 -7 -11 |
| 8700 | ✓ | 39 | -2 -2 -7 |
| 10 | ✓ | 38 | 0 0 -1 |
| 20 | ✓ | 40 | 0 -1 +1 |
| 30 | ✓ | 37 | -1 -1 -1 |
| 40 | SW ✓ | 42 | 0 0 +3 |
| 50 | BS ✓ | 40 | 0 -4 +4 |
| 60 | ✓ | 40 | -4 -4 -2 |
| 70 | ✓ | 42 | 0 +2 -10 |
| 80 | ✓ | 41 | +2 +6 -7 |
| 90 | ✓ | 37 | +4 +9 -6 |
| 8800 | ✓ | 37 | +5 +12 -7 |
| 8810 | ✓ | 35 | +7 +16 |
| 8820 | ✓ | 33 | +9 |

SEATTLE.

L. JOHNSON

| STATION | CAN | F.S. | DIP. |
|---------------|-----------|------|------------|
| WINDY CK 8550 | | | |
| 8600E | 166 | 47 | -1 -1 |
| 10 | BS ✓ | 47 | 0 +2 -5 |
| 20 | ✓ | 47 | +2 +4 0 |
| 30 | ✓ | 47 | +2 +2 +4 * |
| 40 | ✓ | 47 | 0 0 +2 |
| 50 | ✓ | 50 | 0 0 -3 |
| 60 | ✓ | 49 | 0 +3 -3 |
| 70 | ✓ | 49 | +3 +3 +3 |
| 80 | ✓ | 45 | 0 0 +5 |
| 90 | ✓ | 48 | 0 -2 +7 * |
| 8700E | ✓ | 46 | -2 -7 +4 |
| 10 | ✓ | 47 | -5 -4 -5 |
| 20 | ✓ | 45 | -1 -2 -5 |
| 30 | ✓ | 42 | -1 -1 -5 |
| 40 | ✓ | 47 | 0 +3 -4 |
| 50 | E Gully ✓ | 44 | +3 +3 +2 |
| 60 | ✓ | 44 | 0 +1 +2 |
| 70 | ✓ | 42 | +1 +1 -2 |
| 80 | ✓ | 40 | 0 +3 -4 |
| 90 | CR ✓ | 40 | +3 +5 -6 |
| 8800E | Gully ✓ | 42 | +2 +9 -10 |
| 8810 | ✓ | 44 | +7 +15 -5 |
| 8820 | ✓ | 40 | +8 +14 +1 |
| 8830 | ✓ | 38 | +6 +8 |
| 8840 | ✓ | 35 | +8 +14 |

L. 10550 N

| STATION | GAIN | FS | DIP | | |
|----------------------|------|----|-----|-----|-------|
| 8580 B.H. | 166 | 55 | +1 | +5 | |
| 8590 | ✓ | 50 | +4 | +8 | -3 |
| 8600E | ✓ | 50 | +4 | +8 | -1 |
| 10 | ✓ | 50 | +4 | +9 | -5 |
| 20 | ✓ | 54 | +5 | +13 | -7 |
| 30 | ✓ | 56 | +8 | +16 | -5 |
| 40 | ✓ | 62 | +8 | +18 | -4 |
| 8650 R6 | ✓ | 62 | +10 | +20 | +2 |
| 60 | ✓ | 70 | +10 | +16 | +9 * |
| 70 | ✓ | 72 | +6 | +11 | +10 * |
| 80 | ✓ | 72 | +4 | +6 | +6 |
| 90 | ✓ | 72 | +2 | +5 | 0 |
| 8700E | ✓ | 70 | +3 | +6 | +4 |
| 10 | ✓ | 77 | +3 | +1 | +8 * |
| 20 | ✓ | 77 | -2 | -2 | +3 |
| 30 | ✓ | 75 | 0 | -2 | +6 |
| 40 | ✓ | 73 | -2 | -8 | +10 * |
| 50 | ✓ | 70 | -6 | -12 | +5 |
| 60 R6 | ✓ | 65 | -6 | -13 | +2 |
| 70 | ✓ | 62 | -7 | -14 | -3 |
| 80 BS edge of quarry | ✓ | 60 | -7 | -10 | -11 |
| 90 SWCR | ✓ | 60 | -3 | -3 | -6 |
| 8800 SW | ✓ | 57 | 0 | -4 | +1 |
| 10 SW edge | ✓ | 52 | -4 | -4 | -8 |
| 20 | ✓ | 54 | 0 | +4 | -13 |
| 30 | ✓ | 54 | +4 | +9 | |
| 8840 | ✓ | 54 | +5 | | |

L10500N VLF E11 DEAILLE 17

| STATION | GAIN | FS | DIP | | |
|--------------------|------|----|-----|-----|-------|
| 8590 ^{BS} | 166 | 49 | 0 | +2 | |
| 8600E | ✓ | 46 | +2 | +5 | -5 |
| 10 | ✓ | 47 | +3 | +7 | -6 |
| 20 | ✓ | 55 | +4 | +11 | -4 |
| 30 | ✓ | 55 | +7 | +11 | +2 |
| 40 | ✓ | 58 | +4 | +9 | +5 * |
| 8650 | ✓ | 64 | +5 | +6 | +3 |
| 60 | ✓ | 65 | +1 | +6 | -1 |
| 70 | ✓ | 64 | +5 | +7 | +6 * |
| 80 | ✓ | 63 | +2 | 0 | +9 |
| 90 | ✓ | 62 | -2 | -2 | +1 |
| 8700 | ✓ | 62 | 0 | -1 | -1 |
| 10 | ✓ | 67 | -1 | -1 | -2 |
| 20 | ✓ | 60 | 0 | +1 | -4 |
| 30 | ✓ | 60 | +1 | +3 | -1 |
| 40 | ✓ | 55 | +2 | +2 | +3 |
| 67 50 | ✓ | 55 | 0 | 0 | +2 |
| 60 | ✓ | 54 | 0 | 0 | -3 |
| 70 | ✓ | 52 | 0 | +3 | -5 |
| 80 | ✓ | 50 | +3 | +5 | +6 |
| 90 SW | ✓ | 62 | +2 | -3 | +10 * |
| 8800 SW | ✓ | 50 | -5 | -5 | -5 |
| 8810 SW | ✓ | 45 | 0 | +2 | -12 |
| 8820 | ✓ | 43 | +2 | +7 | -8 |
| 8830 | ✓ | 47 | +5 | +10 | |
| 8840 | ✓ | 42 | +5 | | |

20/7/90 - WINDY
ULF-EM SABRE
-SEATTLE TX.

LINE 10600N

| STATION. | GAIN | Field S. | DIP | | |
|----------|------------------------------|----------|-----|-----|------|
| 8550 | 146 | 41 | 0 | +2 | |
| 86E | | 35 | +2 | +6 | -9 |
| 8620 | | 38 | +4 | +11 | -3 |
| 40 | Small knoll | 40 | +7 | +9 | +5* |
| 60 | | 40 | +2 | +6 | -1 |
| 80 | | 45 | +4 | +10 | +5 |
| 8700E | | 47 | +6 | +1 | +15* |
| 20 | Down slope to west TLESTN | 49 | -5 | -5 | +1 |
| 40 | | 47 | 0 | 0 | -7 |
| 60 | | 44 | 0 | +2 | 0 |
| 80 | | 40 | +2 | 0 | +8* |
| 8800E | Dryer | 42 | -2 | -6 | 0 |
| 20 | Swampy water | 37 | -4 | 0 | -12 |
| 40 | | 35 | +4 | +6 | -10 |
| 60 | | 35 | +2 | +10 | -9 |
| 80 | | 34 | +8 | +15 | -7 |
| 8900E | 146 | 35 | +7 | +17 | -1 |
| 8920E | 146 | 38 | +10 | +22 | 0 |
| 40 | | 41 | +12 | +17 | +15 |
| 60 | | 46 | +5 | +7 | +15 |
| 80 | | 53 | +2 | +2 | +17 |
| 9000E | | 53 | 0 | -10 | +19 |
| 20 | | 52 | -10 | -17 | +9 |
| 40 | | 47 | -7 | -19 | -1 |
| 60 | | 42 | -12 | -16 | -9 |
| 80 | | 42 | -4 | -10 | |
| 9100E | 146 | 41 | -6 | | |

20/7/90 WINDY
ULF-EM SEATTLE TX

L. 10420N

10 metre interval

| STAT | GAIN | Field S | DIP | | |
|-------|-----------------------|---------|-----|-----|-----|
| 86E | swamp 118 | 40 | -2 | -4 | |
| 10 | | 38 | -2 | -6 | +5 |
| 20 | | 41 | -4 | -9 | -1 |
| 30 | | 39 | -5 | -5 | -4 |
| 40 | flat. | 37 | 0 | -5 | +5 |
| 8650 | | 42 | -5 | -10 | +9* |
| > 60 | pit is 3m to south | 40 | -5 | -14 | +4 |
| +0 | | 44 | -9 | -14 | -2 |
| 80 | #6 | 40 | -5 | -12 | -4 |
| 90 | #7 | 44 | -7 | -10 | -7 |
| 8700E | | 37 | -3 | -5 | -4 |
| 10 | | 41 | -2 | -6 | -1 |
| 20 | | 40 | -4 | -4 | -4 |
| 30 | | 40 | 0 | -2 | -2 |
| 40 | | 35 | -2 | -2 | -2 |
| 8750E | | 39 | 0 | 0 | 0 |
| 60 | | 37 | 0 | -2 | +2 |
| 70 | | 39 | -2 | -2 | -2 |
| 80 | Drainage 80-78 | 40 | 0 | 0 | -3 |
| 90 | | 36 | 0 | +1 | -4 |
| 8800E | 118 | 37 | +1 | +4 | -8 |
| 8810E | 118 | 34 | +3 | +9 | -11 |
| 20 | | 35 | +6 | +15 | -12 |
| 30 | | 35 | +9 | +21 | -9 |
| 40 | | 39 | +12 | +24 | -3 |
| 8850E | | 42 | +12 | +24 | |
| 60E | 118 | 45 | +12 | | |

CALCULATED
FRASER FILTER

LINE 10420N

8640E

8620E

