# Appendix V - X

# Assay Results, Study Reports,

# and

# Project Summary

# Appendix V

## Compiled Assay Results

## Greater than 1 gpt Au for the Drill Holes

APPENDIX V

| HOLE | FROM | TO | WIDTH | AVERAGE GRADE |
|---|---|---|---|---|
| 14 | 19 | 26.5 | 7.5 | 1.05 |
| 15 | 9 | 10 | 1 | 1.87 |
| | 12 | 13 | 1 | 4.11 |
| | 18 | 22.7 | 4.7 | 2.12 |
| | 37 | 38 | 1 | 1.06 |
| | 39 | 42 | 3 | 1.44 |
| | 73 | 77 | 4 | 7.44 |
| | 99 | 100.5 | 1.5 | 1.02 |
| | 115.5 | 117 | 1.5 | 8.44 |
| | 122.5 | 123.5 | 1.0 | 1.19 |
| 16 | 0.81 | 2.00 | 1.19 | 2.69 |
| | 10 | 11 | 1 | 2.42 |
| | 14.5 | 20.5 | 6 | 2.79 |
| | 35 | 37 | 2 | 2.07 |
| | 78 | 80 | 2 | 4.12 |
| | 129 | 132 | 3 | 2.07 |
| | 144 | 148.5 | 4.5 | 1.32 |
| 17 | 34 | 36 | 2 | 2.52 |
| | 40 | 41 | 1 | 1.29 |
| | 124.5 | 126 | 1.5 | 1.97 |
| | 166.5 | 168 | 1.5 | 1.78 |
| | 179 | 180.5 | 1.5 | 2.63 |
| 18 | 5 | 6 | 1 | 2.06 |
| | 19 | 22 | 3 | 1.76 |
| | 34 | 35 | 1 | 1.01 |
| | 100.5 | 130 | 29.5 | 12.53 |
| | 149.5 | 152.5 | 3 | 2.97 |
| 19 | 11 | 13 | 2 | 9.12 |
| | 16 | 17 | 1 | 2.41 |
| | 23 | 26 | 3 | 1.5 |
| | 67 | 68.5 | 1.5 | 1.6 |
| | 70 | 71.5 | 1.5 | 2.07 |
| | 85 | 86 | 1 | 4.06 |
| | 141 | 142 | 1 | 1.95 |
| | 164 | 165.5 | 1.5 | 1.75 |
| | 179 | 180.5 | 1.5 | 1.51 |
| 20 | 30 | 33 | 3 | 2.03 |
| 21 | 16 | 22 | 6 | 2.67 |
| 22 | 12 | 15 | 3 | 3.84 |
| 23 | 0.16 | 1.17 | 1.01 | 1.78 |
| | 17 | 18.5 | 1.5 | 1.56 |
| | 27.5 | 29 | 1.5 | 28.83 |
| | 40 | 41 | 1 | 17.26 |
| | 77 | 78 | 1 | 1.35 |
| 24 | 36 | 37.5 | 1.5 | 5.08 |
| | 45 | 46.5 | 1.5 | 2.59 |
| | 72 | 73 | 1 | 16.30 |

| HOLE | FROM | TO | WIDTH | AVERAGE GRADE |
|---|---|---|---|---|
| | 78 | 81 | 3 | 1.62 |
| | 100 | 101 | 1 | 1.97 |
| | 102 | 103 | 1 | 1.1 |
| 25 | 37.5 | 39 | 1.5 | 1.11 |
| | 53.5 | 55 | 1.5 | 8.87 |
| | 81.74 | 91.66 | 9.92 | 9.69 |
| | 95 | 96 | 1 | 1.74 |
| 26 | 56.22 | 57 | .78 | 5.09 |
| 27 | 49 | 55 | 6 | 4.88 |
| | 59 | 60 | 1 | 1.56 |
| | 62 | 65 | 3 | 2.07 |
| | 68 | 69 | 1 | 1.28 |
| | 72 | 73.3 | 1.3 | 19.89 |
| | 79 | 81 | 2 | 2.22 |
| | 104 | 105 | 1 | 1.305 |
| 28 | 88 | 90.68 | 2.68 | 5.56 |
| 29 | 77 | 78 | 1 | 4.32 |
| 30 | 32 | 33.5 | 1.5 | 4.08 |
| | 109 | 110.5 | 1.5 | 1.28 |
| | 217 | 218 | 1 | 3.12 |
| | 358.5 | 361.5 | 3 | 3.95 |
| 31 | 9 | 10 | 1 | 1.68 |
| 32 | 27 | 29.9 | 2.9 | 5.32 |
| 33 | 7 | 8 | 1 | 6.89 |
| | 10 | 11 | 1 | 3.75 |
| | 25 | 26 | 1 | 1.16 |
| | 36 | 36.5 | 0.5 | 2.56 |
| 34 | 24 | 25 | 1 | 6.72 |
| 35 | 7 | 10 | 3 | 4.16 |
| | 27 | 29.87 | 2.87 | 4.04 |
| 36 | 32 | 34.29 | 2.29 | 1.85 |
| 37 | 1 | 2 | 1 | 1.48 |
| 38 | 82 | 83 | 1 | 1.08 |
| | 97 | 98 | 1 | 1.25 |
| 40 | 36.5 | 39.5 | 3.0 | 2.01 |
| | 45 | 46.95 | 1.98 | 4.94 |
| | 54.9 | 55.17 | .26 | 4.86 |
| | 69.5 | 71 | 1.5 | 1.24 |
| | 83 | 84 | 1 | 5.88 |
| | 129.74 | 130.19 | .45 | 1.78 |
| 41 | 2.5 | 3.92 | 1.42 | 1.38 |
| | 25 | 26 | 1 | 13.03 |
| | 50.85 | 58 | 7.15 | 4.74 |
| | 69 | 69.55 | .58 | 8.67 |
| | 71 | 74.7 | 2.7 | 6.44 |
| | 94.7 | 95.2 | 0.5 | 3.82 |
| | 96.3 | 98 | 1.57 | 3.9 |
| | 110.35 | 112.3 | 1.95 | 3.63 |
| | 118 | 121.5 | 3.5 | 4.35 |

| HOLE | FROM | TO | WIDTH | AVERAGE GRADE |
|---|---|---|---|---|
| | 139.32 | 139.57 | 0.2 | 23.66 |
| | 162.13 | 163.5 | 1.37 | 5.91 |
| | 161.16 | 167.50 | 1.34 | 1.95 |
| 42 | 68 | 68.45 | .45 | 5.81 |
| | 70 | 71 | 1 | 1.14 |
| | 111.7 | 112.02 | .32 | 2.38 |
| 43 | 190.06 | 206.06 | 16m | 3.41 |
| 44 | 21 | 22 | 1 | 2.75 |
| | 63.12 | 66 | 2.78 | 9.23 |
| | 83 | 85 | 2 | 1.31 |
| | 129 | 133 | 4 | 4.15 |
| | 135 | 137 | 2 | 2.10 |
| 45 | 113.5 | 115 | 1.5 | 1.10 |
| 46 | 103 | 104 | 1 | 8.72 |
| 50 | 27 | 28 | 1 | 2.47 |
| 51 | 37 | 38 | 1 | 1.21 |
| 52 | 11 | 12.5 | 1.5 | 1.6 |
| 54 | 12.0 | 15.0 | 3 | 1.83 |
| 55 | 21.5 | 24.5 | 3 | 2.83 |
| 56 | 92 | 93 | 1 | 1.19 |
| | 121 | 122.61 | 1.61 | 3.77 |
| | 137 | 140 | 3 | 2.23g |
| | 153.5 | 156 | 2.5 | 3.85 |
| 57 | 86 | 89 | 3 | 2.32 |
| | 110.9 | 111.6 | 0.7 | 4.02 |
| | 152 | 154 | 2 | 1.02 |
| | | | | |
| 58 | 19.5 | 21.0 | 1.5 | 4.58 |
| 59 | 19 | 20.5 | 1.5 | 3.32 |
| | 63.64 | 66 | 2.36 | 9.86 |
| 60 | 32.5 | 35.31 | 2.81 | 4.82 |
| | 69.75 | 71.22 | 2.07 | 1.69 |
| | 91.5 | 92 | 0.5 | 1.77 |
| | 94 | 95 | 1 | 5.08 |
| 61 | 45.72 | 46.91 | 1.19 | 4.01 |
| | 59.82 | 60.55 | 0.73 | 8.80 |
| | 73 | 74 | 1 | 2.29 |
| | 93 | 94.5 | 1.5 | 1.51 |
| 62 | 62 | 63 | 1 | 2.97 |
| | 66.5 | 68 | 1.5 | 11.05 |
| 63 | 48 | 51 | 3 | 5.95 |
| | 66.41 | 66.72 | .31 | 12.98 |
| | 74 | 77 | 3 | 2.12 |
| | 103 | 104.5 | 1.5 | 1.93 |
| | 107.5 | 112 | 4.5 | 3.28 |
| | 118 | 119.5 | 1.5 | 1.01 |
| 64 | 70 | 71 | 1 | 4.12 |
| 65 | 46 | 47 | 1 | 1.01 |
| | 60 | 61 | 1 | 3.42 |

| HOLE | FROM | TO | WIDTH | AVERAGE GRADE |
|---|---|---|---|---|
| | 69 | 70 | 1 | 1.18 |
| | 108.5 | 111 | 2.5 | 2.66 |
| | 123.5 | 124 | 0.5 | 30.67 |
| 66 | 78 | 79.5 | 1.5 | 1.63 |
| | 96.89 | 101 | 4.11 | 1.76 |
| 68 | 5.5 | 8.2 | 2.7 | 44.32 |
| 69 | 6 | 8.7 | 2.7 | 11.12 |
| 71 | 9.83 | 10.5 | 0.73 | 23.82 |
| 72 | 14.53 | 15.11 | 0.58 | 13.23 |
| | 22.46 | 22.91 | 0.45 | 224.4 |
| 74 | 2 | 3.93 | 1.93 | 10.37 |
| 75 | 5.5 | 6.5 | 1.0 | 19.71 |
| 76 | 6.5 | 8.5 | 2 | 9.16 |
| 77 | 9 | 11.2 | 2.2 | 21.91 |
| | 13.5 | 16.07 | 2.57 | 7.14 |
| 78 | 17.8 | 19.5 | 1.7 | 12.62 |
| | 21.5 | 22 | 0.5 | 12.74 |
| 79 | 14.5 | 16.5 | 2 | 8.34 |
| 80 | 14.93 | 15.82 | 0.89 | 4.36 |
| 81 | 17.75 | 18.75 | 1 | 20.09 |
| 82 | 19.45 | 20.5 | 1.05 | 11.36 |
| 83 | 45.5 | 46.3 | 0.8 | 2.09 |
| 84 | 27 | 30 | 3 | 1.90 |
| | 62.5 | 66 | 3.5 | 32.16 |
| 85 | 25 | 27 | 2 | 1.02 |
| | 52.5 | 53 | 0.5 | 1.52 |
| | 54.5 | 55 | 0.5 | 3.48 |
| | 56.50 | 57.50 | 1 | 4.40 |
| | 60 | 62 | 2 | 2.03 |
| 86 | 10 | 11 | 1 | 4.2 |
| 87 | 14.87 | 16.5 | 1.68 | 3.38 |
| | 19 | 20 | 1 | 1.29 |
| 89 | 17 | 18 | 1 | 2.33 |
| 90 | 40.07 | 40.50 | 0.43 | 1.63 |
| 91 | 2.5 | 9 | 6.5 | 13.2 |
| | 11 | 13 | 2 | 5.55 |
| | 16.0 | 18 | 2 | 10.89 |
| 92 | 3.5 | 12.4 | 8.9 | 5.18 |
| | 18 | 19 | 1 | 1.44 |
| 93 | 7.95 | 10 | 2.05 | 3.68 |
| | 13 | 20.6 | 7.6 | 12.14 |
| | 21 | 22 | 1 | 2.44 |
| | 23 | 24 | 1 | 1.20 |
| | 27 | 28 | 1 | 8.7 |
| | 30 | 31 | 1 | 1.3 |
| 94 | 50.6 | 56.16 | 5.56 | 1.04 |
| 95 | 90 | 96 | 6 | 8.23 |
| 96 | 23 | 24 | 1 | 3.58 |
| | 57 | 58 | 1 | 2.46 |

| HOLE | FROM | TO | WIDTH | AVERAGE GRADE |
|---|---|---|---|---|
| 98 | 9.45 | 10.45 | 1 | 5.11 |
| | 13 | 14 | 1 | 1.02 |
| | 93 | 94 | 1 | 1.29 |
| 99 | 10 | 11 | 1 | 2.4 |
| 100 | 17.37 | 18.65 | 1.28 | 5.18 |
| | 24 | 25 | 1 | 1.58 |
| | 47.95 | 52 | 4.05 | 14.05 |
| | 76 | 78 | 2 | 4.03 |
| 101 | 6 | 8 | 2 | 2.79 |
| | 10 | 11 | 1 | 1.72 |
| | 49 | 50 | 1 | 1.80 |
| | 63 | 64 | 1 | 1.62 |
| 102 | 5 | 6 | 1 | 11.94 |
| | 9 | 10 | 1 | 1.26 |
| | 71.5 | 72.5 | 1 | 1.62 |
| 103 | 8 | 9 | 1 | 1.66 |
| 105 | 10 | 11 | 1 | 5.28 |
| 106 | 16 | 18 | 2 | 2.89 |
| | 20 | 22 | 2 | 1.64 |
| | 27 | 28 | 1 | 4.14 |
| | 31 | 32 | 1 | 1.63 |
| | 48 | 49 | 1 | 1.19 |
| 107 | 34 | 35 | 1 | 1.45 |
| | 48 | 49 | 1 | 1.19 |
| 109 | 26 | 30 | 4 | 4.115 |
| | 34 | 35 | 1 | 3.15 |
| | 53 | 56 | 3 | 1.81 |
| | 59 | 60 | 1 | 1.38 |
| 110 | 3 | 13 | 10 | 43.82 |
| | 19 | 20 | 1 | 3.87 |
| 111 | 7 | 8 | 1 | 1.44 |
| | 12 | 19 | 7 | 2.48 |
| | 25 | 25.81 | 0.81m | 1.11 |
| 112 | 22 | 23 | 1.0 | 1.67 |
| 113 | 40.5 | 41.5 | 1.0 | 4.32 |
| | 43 | 44 | 1.0 | 1.18 |
| | 51 | 53 | 2.0 | 1.34 |
| 114 | 70 | 72 | 2 | 2.97 |
| | 77 | 78 | 1 | 1.87 |
| | 87.95 | 89 | 1.25 | 1.98 |
| 115 | 19 | 19.63 | 0.63 | 14.22 |
| 116 | 22 | 23.18 | 1.18 | 14.3 |
| 118 | 42 | 46 | 4 | 4.04 |
| | 57 | 59 | 2 | 1.25 |
| 119 | 44 | 45 | 1 | 2.28 |
| | 62 | 63 | 1 | 1.97 |
| | 65 | 66 | 1 | 1.89 |
| | 79 | 80 | 1 | 1.06 |
| | 89 | 90 | 1 | 4.52 |

| HOLE | FROM | TO | WIDTH | AVERAGE GRADE |
|---|---|---|---|---|
| 122 | 72 | 73 | 1 | 7.56 |
| | 86 | 86.92 | 0.92 | 9.26 |
| | 112 | 113 | 1 | 18.03 |
| 123 | 12 | 13 | 1 | 18.86 |
| | 40 | 41 | 1 | 7.31 |
| | 43 | 44 | 1 | 4.46 |
| | 102 | 104 | 2 | 1.52 |
| | 113 | 114 | 1 | 1.95 |
| | 117.96 | 119.0 | 1.04 | 1.95 |
| 124 | 4 | 5 | 1.0 | 2.22 |
| | 9.6 | 14 | 4.4 | 3.11 |
| | 22 | 23 | 1 | 4.47 |
| | 26 | 27 | 1 | 2.11 |
| | 67 | 68 | 1 | 1.68 |
| | 71 | 72 | 1 | 1.01 |
| | 75 | 80 | 5 | 20.54 |
| 125 | 2 | 3 | 1 | 9.11 |
| | 4.88 | 7.23 | 2.34 | 4.49 |
| | 6.00 | 7.23 | 1.23 | 2.43 |
| | 13 | 14 | 1 | 3.21 |
| | 18 | 20 | 2 | 12.93 |
| | 25.9 | 28 | 2.1 | 7.34 |
| | 74 | 75 | 1 | 1.39 |
| | 117.5 | 119 | 1.5 | 1.06 |
| 126 | 3.41 | 4.39 | .98 | 38.87 |
| | 7.9 | 12 | 4.1 | 4.83 |
| | 33 | 35 | 2 | 4.49 |
| | 54.4 | 56.59 | 2.29 | 8.02 |
| | 99 | 102.6 | 3.6 | 5.96 |
| | 146 | 147 | 1 | 6.86 |

# Appendix VI

## Petrographic Study Report

by

Chris Huggins

# ORE MICROSCOPY OF THE CLONE PROPERTY, NORTHWESTERN B.C.

Geology 428 Research Paper

by Chris Huggins

## *INTRODUCTION:*

The Clone Property is situated on a nunatak on the western margin of the Cambria Icefield, 20 km southwest of Stewart B.C., and is accessible only by helicopter. Samples for this study were collected from August 27 to September 7, 1996 by the author. In total, 6.5 days were spent mapping and collecting samples for meso- and microscopic analysis. The size of the study area is 250m x 600m, on which there is at least 30% snow cover. The area around camp and below was the focus of an extensive drilling and trenching program this year; five of the samples studied for this report are from three different drill holes and two samples are from trenches. The Clone Property is a gold and cobalt prospect; these samples represent the high grade ore found on the property, and are part of a sulphide rich shear system which can be traced for at least 1 km in strike length along the property. The purpose of the paper is to describe and identify opaque mineralogy, and identify gold association within the sample suite.

The property is located near the contact between Stikinia, and the Coast Plutonic Complex. The stratigraphy of the property is dominantly of volcanic origin, and is the lithologic equivalent to / or stratigraphic extension of the Betty Creek Formation of the upper Hazelton Group (D. Alldrick, personal communication, Dec. 1996). From southwest to northeast the rock units are; black siltstone with rusty weathering fragments, likely of volcanic origin; to the northwest, the main rock unit is a volcanic breccia, which has gradational contacts with an ash tuff sequence. Clasts within the volcanic breccia are matrix supported and range in size, from 1cm to 5cm. Intruded into the volcaniclastics is a massive hornblende feldspar, locally biotite rich porphyritic unit, which has undergone strong chlorite, sericite and potassic alteration. It is within this area that the sulphide shear system (S-zone) is localized. Most of the samples in this study are from the S-zone. The porphyry is also found further to the northeast along the contact between the volcaniclastic unit, and a strongly hematite altered coarse heterolithic breccia. Hematite staining within the porphyry is locally pervasive; and along fractures. Where the hematite is fracture controlled, pseudo-liesegang rings have formed. At this contact is the H-zone, which is a semi-massive hematite shear zone, which is of variable size, from 20cm to 4m across.

All of the volcanic units on the property have been significantly altered and deformed, such that fragments are aligned towards 315°, which is the dominant foliation direction on the property. The gold is hosted within two main shear zones, the H- and S-zones; with intensity of deformation within the shears is extremely variable, ranging from

brittle fracture to mylonitic textures. Alteration is pervasive potassic and sericitic, and is locally intense. Contacts between individual rock units are near vertical across the sequence.

*MESOSCOPIC SAMPLE DESCRIPTION:*

*Sample*: **Tr. #8**

| *Mineral* | *modal percentage* | *description* |
|---|---|---|
| pyrite | 80% | - massive, unequal granular (very fine grained to ~3mm), anhedral grains (from milling?), some colloform banding around grains, rare secondary zoning, highly fractured |
| arsenopyrite | 15% | - massive, unequal granular anhedral crystals, finer grained than pyrite on average, discrete band, microbrecciation |
| magnetite | 2% | - very fine grained, disseminated |
| chalcopyrite | 2% | - fine grained fracture fill in aspy |

*Sample*: **CL96-18-45725**

| *Mineral* | *modal percentage* | *description* |
|---|---|---|
| pyrite | 75% | - semi-massive med. to very fine grained, anhedral grains, microbrecciated |
| arsenopyrite | 17% | - fine to very fine grained, anhedral grains, occurs in bands, and blebs within pyrite, microbrecciated |
| chalcopyrite | 3% | - very fine grained, interstitial fracture fill in aspy > py |
| magnetite | < 1% | - very fine grained, disseminated |
| quartz | 5% | - quartz vein ~2mm wide, no sulphides in vein, some interstitial space filling in sulphides |

*Sample*: **CL96-18-45726**

| *Mineral* | *modal percentage* | *description* |
|---|---|---|
| pyrite | 50% | - semi-massive, no grain development, microbrecciated |
| arsenopyrite | 30% | - fine to coarse grained, anhedral crystal, as blebs in py, microbrecciated |
| magnetite | 5% | - fine grained fracture fill in sulphides |
| chalcopyrite | 2% | - very fine grained fracture fill, mostly in sulphides |
| gangue | 13% | - quartz > chlorite, veins, and space filling, |

*Sample*: **CL96-25-46456**

| *Mineral* | *modal percentage* | *description* |
|---|---|---|
| pyrite | 65% | - shear bands (~1cm across) of very fine to coarse (~4mm) grained, anhedral crystals, microbrecciated, |
| arsenopyrite | 15% | - bands, and blebs very fine grained, microbrecciated bands are thin relative to py |
| magnetite | 10% | - very fine grained, in bands, and dissem. in sulphides |
| chalcopyrite | <1% | - disseminated in sulphides |
| gangue | 10% | - chl. > qtz., space filling, in shear/flow zones |

*Sample*: **CL96-25-50135 @54.50m**

| *Mineral* | *modal percentage* | *description* |
|---|---|---|
| pyrite | 20% | - med. grained, anhedral, microbrecciated |
| arsenopyrite | 15% | - med. grained, anhedral, microbrecciated |
| magnetite | 5% | - dissem. and along fractures |
| chalcopyrite | 35% | - space filling around sulphides, and some wispy veins in gangue with magnetite |
| gangue | 25% | -quartz veins and fracture filling |

*Sample*: **CL96-25-50135 @54.90m**

| *Mineral* | *modal percentage* | *description* |
|---|---|---|
| pyrite | 30% | med. to fine grained breccia, in band |
| magnetite | 40% | very fine grained, fracture and space filling, some massive |
| chalcopyrite | 10% | disseminated fracture fill, in py, and mt. |
| gangue | 20% | mostly quartz, with some chlorite |

*THIN SECTION ANALYSIS:*

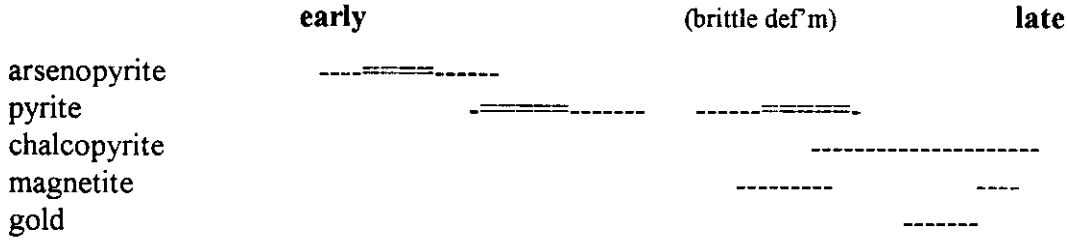
Analysis of polished thin section was instrumental in gaining an understanding of the mineral associations and textures because of the fine grained nature of the sulphides.

*GENERAL MINERAL CHARACTERISTICS:*

In all samples studied, there are a number of observations that are consistent throughout the sample suite:

- ⇒ microbrecciation / brittle fracturing of pyrite and arsenopyrite
- ⇒ initial arsenopyrite growth, with pyrite overgrowths common
- ⇒ pyrite and arsenopyrite usually occur in bands of dominantly one mineral or the other, and rarely evenly disseminated throughout
- ⇒ mineral zoning seen only in surface samples, not in core
- ⇒ late chalcopyrite fracture filling within py and aspy grains, and along grain boundaries
- ⇒ amoeboid chalcopyrite blebs within magnetite, and occasionally around sulphides
- ⇒ late magnetite fracture filling along grain boundaries
- ⇒ late gold precipitation
- ⇒ gold in arsenopyrite more often than in pyrite; commonly in contact with chalcopyrite/magnetite
- ⇒ gangue (qtz, chl, cc) often forms radiating growth zones around sulphide grains, and does not show any significant grain rotation

*PARAGENETIC SEQUENCE:*



From the thin section analysis of these few samples, a number of useful observations have been made regarding the nature of the ore. With respects to gold recovery, it is vital to recognize that the gold is only associated with the sulphides, specifically arsenopyrite and (to a lesser extent) pyrite. The size of the gold grains is also important for milling problems. The size of gold is variable, but fine; from 5 to 20 microns across, but three dimensional size is unknown. It would be interesting to know if the gold grains are separate, or if it forms as elongate micro-veins, but this seems unlikely, as the size and shape of the gold was consistent throughout the sample suite. Other points of interest are the mineral zoning around surface sulphides, and with which phase of mineral growth does the gold associate, is there any elemental difference between the zones, and why is this only seen on surface? Another as of yet unresolved problem is where is the location of cobalt; is it in the pyrite, and if so, which phase? These questions will be addressed and hopefully resolved in the new year for my thesis.

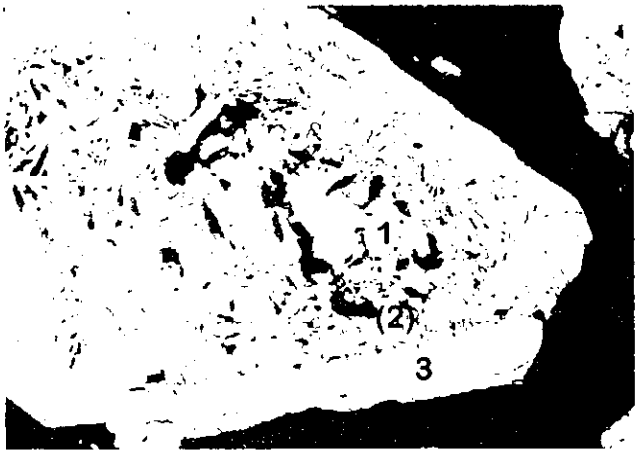



**Figure 6a: width of photo 1.25mm**

**Figure 6b: width of photo 1.25mm**

*Sample:* **Tr. #193**

Figure 6a exhibiting very rare zoning within arsenopyrite. Two and possibly three zones are identifiable The faint yellow in centre is possibly pyrite. Figure 6b is an excellent example of pressure shadows of quartz, growing from the sides of an arsenopyrite crystal; blue and green are chlorite. The long axis of the growth is parallel with the regional foliation of 315 degrees.

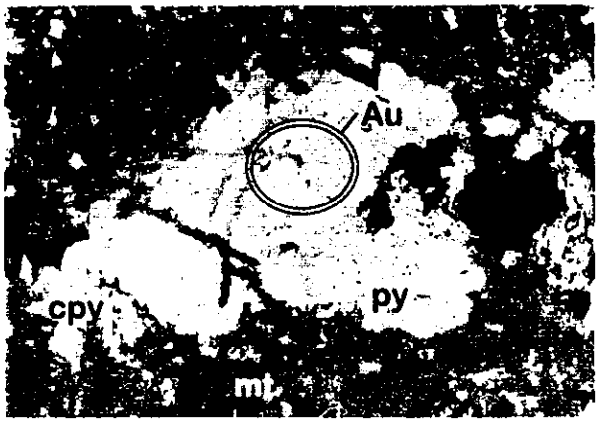



Figure 5a: width of photo 2.5mm

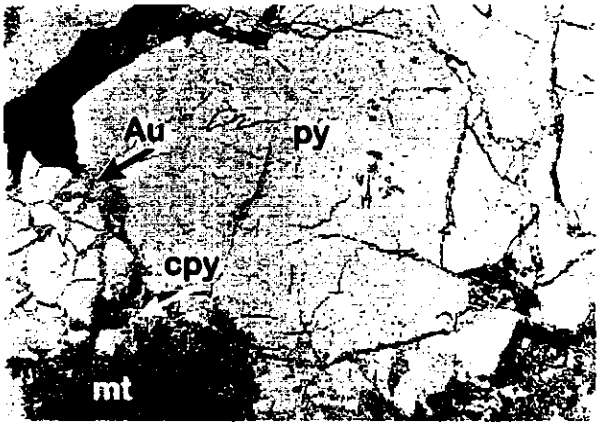



Figure 5b: width of photo 2.5mm

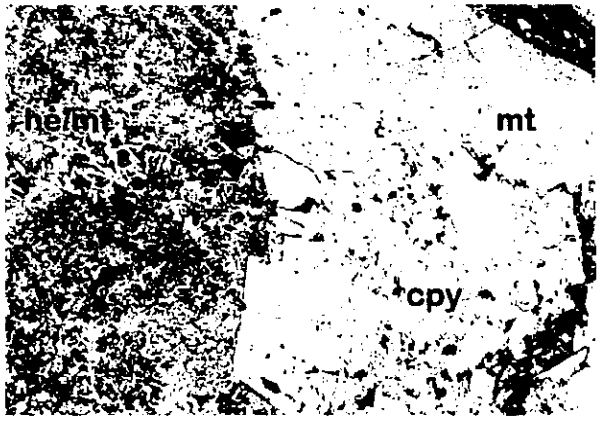



Figure 5c: width of photo 2.5mm

*Sample*: **CL96-25-50135 @54.90m**

As this sample is an arsenopyrite poor sample, the gold has precipitated in fractures in pyrite grains, and in direct contact with chalcopyrite. As the chalcopyrite surrounds the gold, this would seem to indicate gold precipitation before chalcopyrite; figure 5a,5b. Figure 5c shows amoeboid chalcopyrite within a euhedral magnetite grain, with specular hematite surrounding the magnetite. Some of the specularite has a darker grey colour, which might indicate a replacement of specularite with magnetite. There is also abundant hematite in the gangue.

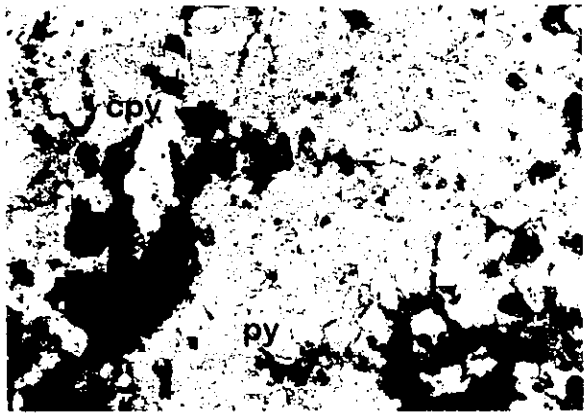



Figure 4a: width of photo 2.5mm

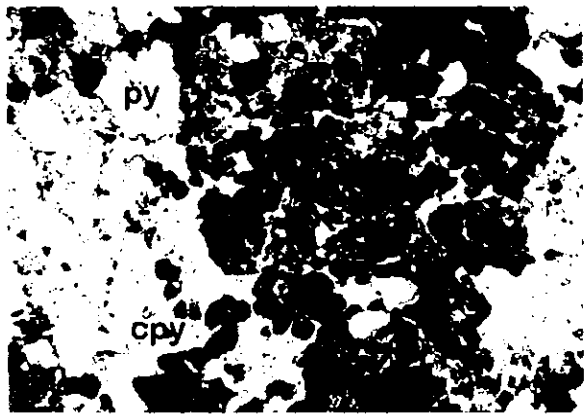



Figure 4b: width of photo 2.5mm

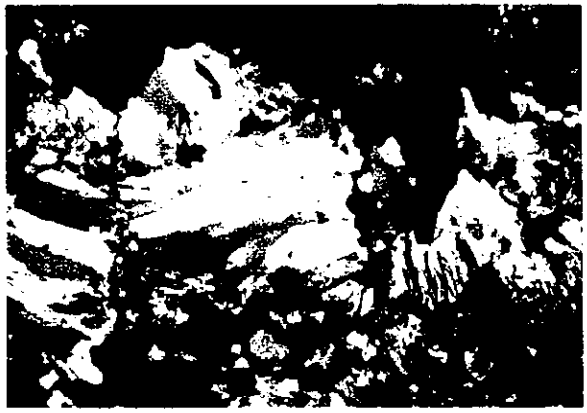


Figure 4c: width of photo 2.5mm

*Sample*: **CL96-25-50135 @54.50m**

Figure 4a is a unique example showing the dissolution texture of pyrite by chalcopyrite. The chalcopyrite seems to have formed in veins or fractures within pyrite, and replaced pyrite at the contact. Figure 4b; exhibiting late amoeboid chalcopyrite infill at grain boundaries around pyrite and quartz. Figure 4c displays possible strain recovery within ribbon quartz grains.

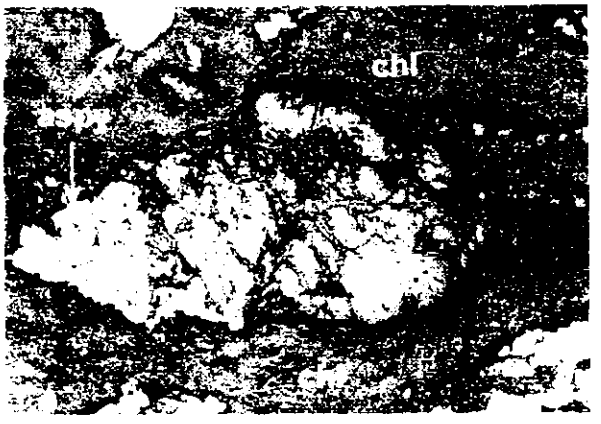



Figure 3a: width of photo 2.5mm

*Sample*: **CL96-25-46456**

Figure 3a is an example of the texture of the chlorite 'flowing' around grains, in this case a quartz grain with arsenopyrite replacement.

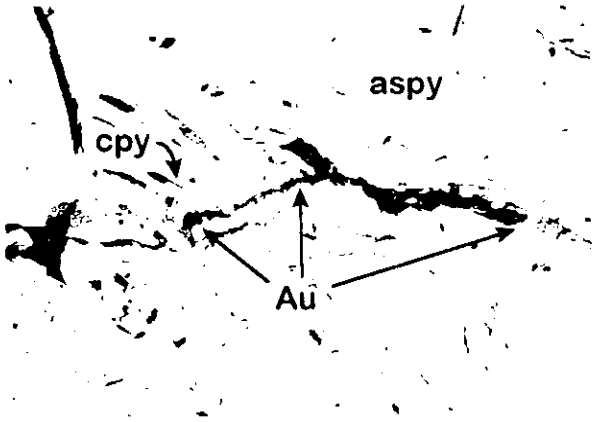



Figure 2a: width of photo 0.625mm

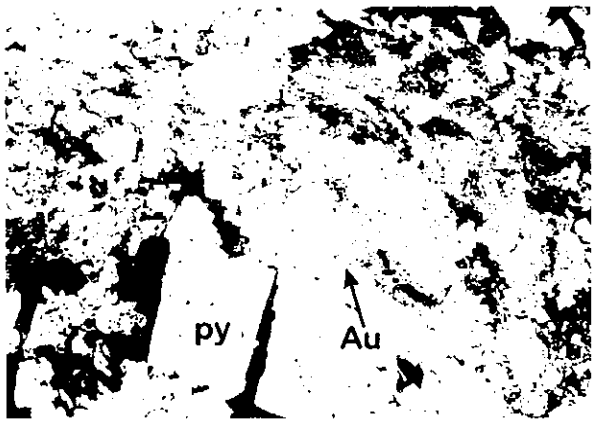



Figure 2b: width of photo 1.25mm

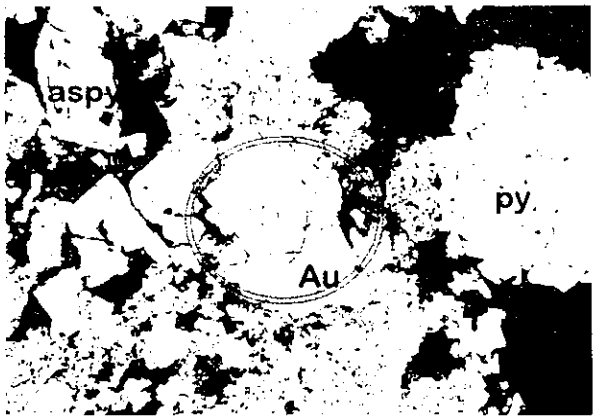



Figure 2c: width of photo 1.25mm

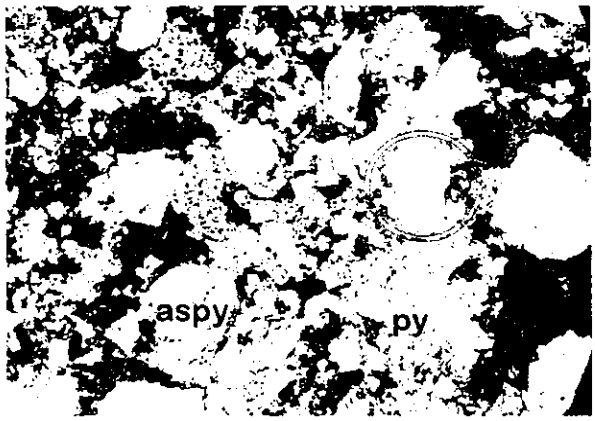



Figure 2d: width of photo 2.5mm

*Sample*: **CL96-18-45726**

Figure 2a is a good example of the nature of the gold infill, and the variability of the grain sizes (from 5-20 microns). Figure 2b is a rare example of gold within pyrite. As can be seen from the photo, there is no arsenopyrite within the frame; and in the polished section, there was no arsenopyrite in the immediate vicinity. This observation might lead to the conclusion that gold concentrates in arsenopyrite, when pyrite is the dominant sulphide, and in the absence of arsenopyrite, the gold will precipitate in pyrite. Figure 2c shows an arsenopyrite grain with a considerable amount of gold as late mineralization along fractures. Although the gold is usually in contact with chalcopyrite, this photo shows that this is not always the case. The pyrite grains show an aggregate type structure. Figure 2d shows the same grains as in, figure 2c but with half the magnification, giving a better perspective of the brittle fractured arsenopyrite grains, and late fill of magnetite and chalcopyrite.

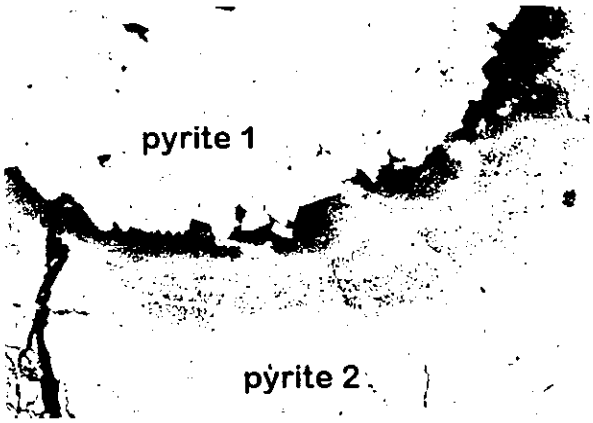



Figure 1a: width of photo 1.25mm

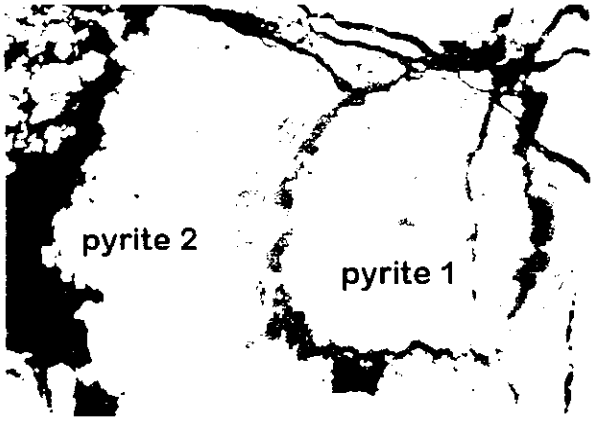



Figure 1b: width of photo 2.5mm

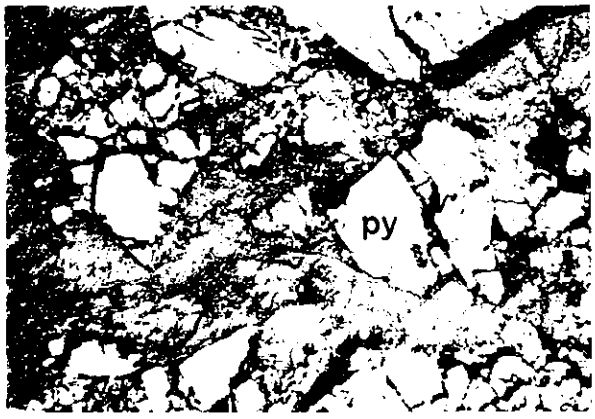



Figure 1c: width of photo 2.5mm

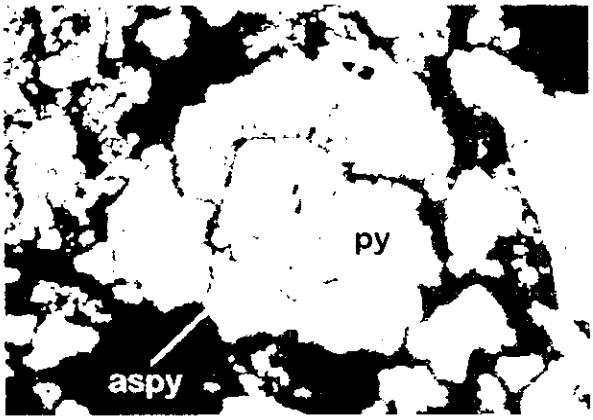
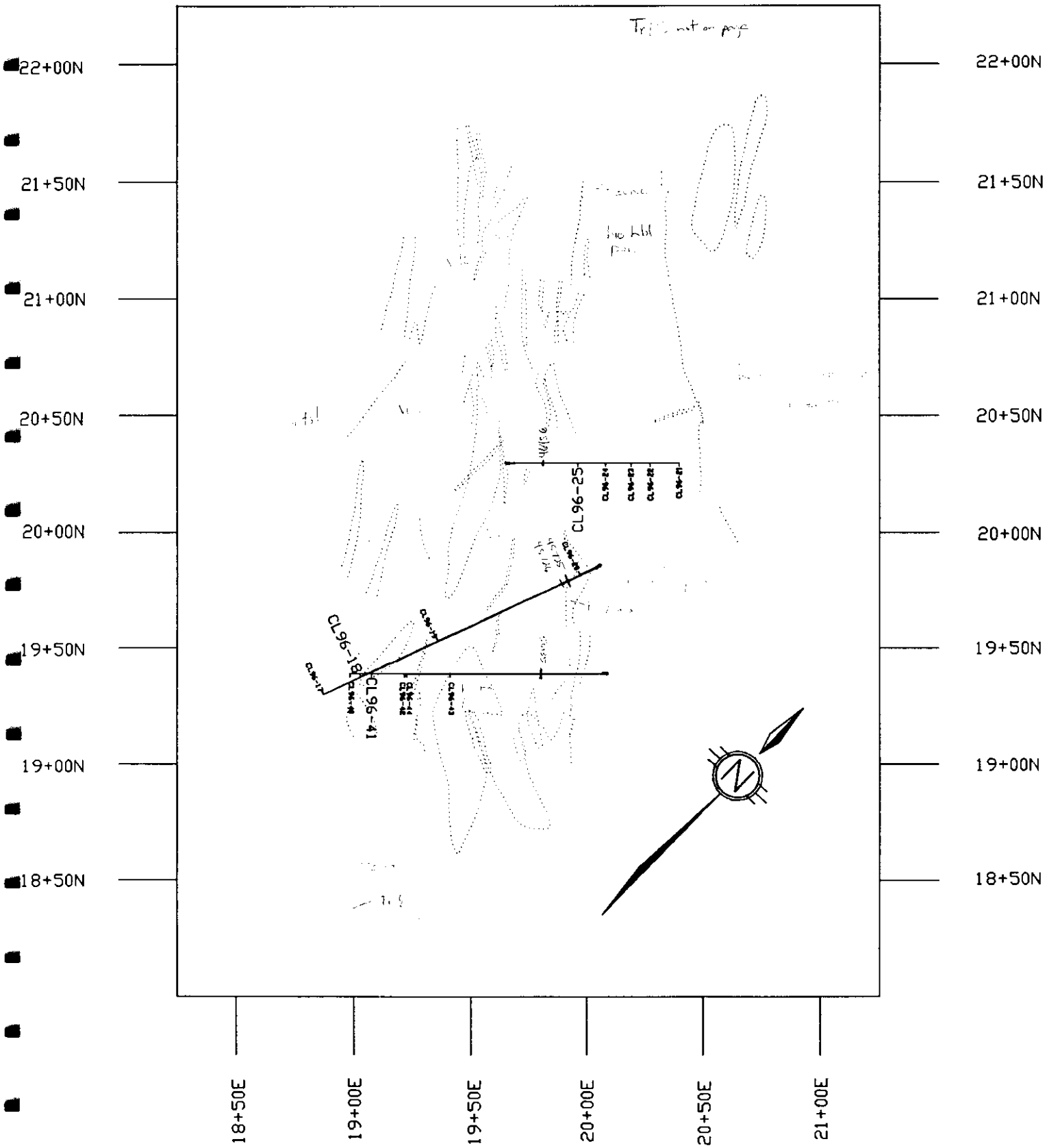



Figure 1d: width of photo 2.5mm

*Sample*: **Tr. #8**

The photomicrographs from the polished section show the microbrecciated, brittle fracturing of all the sulphides in the study, which is an important feature in the development of gold concentration. It is interesting to note that the surface samples are the only samples which show any zoning around the sulphides. Figure 1a and 1b show an original pyrite nucleus, with irregular colloform banding surrounding the core, and a second growth zone with approximately double the radius of the first pyrite growth. In other places within the thin section, the later phase of pyrite was well developed with euhedral cubes. Figure 1a also shows the nucleus is an aggregate, as the grain boundaries can be seen. Figure 1c shows the microbrecciation of the sulphides, and an unidentified anisotropic mineral. Figure 1c shows a consistently observed relationship of pyrite overgrowths around arsenopyrite grains.

# Diamond Drill Hole and Sample Location
# Clone Property



# Appendix VII

# Structural Study Report

by

Ian Harrison

# STRUCTURAL INTERPRETATION OF THE CLONE PROPERTY

**by Ian Harrison.**

**Introduction:**

From the 13th to 16th of September 1996, field work in the immediate vicinity of the Clone Exploration Camp (from 2400N to 1800N local grid) was undertaken to gather information for a structural interpretation of the gold deposit. The deposit consists of mineralized shear zones running parallel to local stratigraphy, which comprise ash lapilli and breccia tuffs, a hornblende-biotite porphyry, and a heterolithic volcanic megabreccia. These three main units dip vertically and strike approximately 132 degrees local azimuth. All azimuths used here relate to the local grid.

**Foliation:**

Foliation which the gold bearing shear zones parallel; strikes at 132 degrees on average, with dips within 20 degrees (and mostly within 10 degrees) of vertical. (See stereonet: *Poles to foliation within the H1 and S2A Zones*).

In the H1, S2 and S2A zones foliation is represented by brittle/ductile deformation. These mineralized zones contain ribboned quartz and broken feldspar crystals, deformed wall rock clasts with strain shadows, and other cataclastic to mylonitic textures.

Asymmetric structures are present, but no overall sense of movement could be determined from these features. Sinistral, dextral, reverse and normal movements could be interpreted from different structures.

**Joint and fracture Sets:**

There are two major joint sets. They are identifiable as reasonably distinct structures on the stereonet. (See stereonet: *Poles to "Joints"*).

The first is probably better termed as a fracture set. It runs parallel to foliation. The strike is consistent throughout, but dip varies through 180 degrees. (See stereonet: *Poles to faults, veins, and planes with lineations*). This variation in dip may represent several discrete fracture sets striking parallel to one another. However if this is so they could not be differentiated in the field or on the stereonet.

These fractures commonly have mineral lineations on their surfaces. Mineral elongation lineations are especially well developed in calcite and quartz veins, as well as chlorite and epidote veins which lie along the fracture planes. Some of the lineations appear to have developed during crystal growth. Evidence for this is in the form of relatively large, undeformed calcite crystals which have grown with a definite crystal axis alignment in fracture void spaces. Other lineations are striations, usually on joints in chlorite-epidote rich rock.

The lineations are very consistent in orientation and trend at exactly 90 degrees to foliation. (See stereonet: *Lineations*). They plunge from 0-85 degrees, both to the NE (042 degrees) and the SW (222 degrees). Occasionally sense of movement could be determined by steps in the lineations. All indicated reverse movement regardless if the lineations plunged to the NE or SW.

The second joint set cuts foliation at 90 degrees and dips about the vertical. Dykes near trenched 4 and 13 have intruded parallel to these joints. The dykes are relatively undeformed, and only cut by a set of faults running parallel to foliation with dextral and reverse movement along them.

**Faults:**

No conclusive results were gained from the orientation and sense of movement on faults seen in the deposit area. The stereonet with *faults, veins, and planes with lineations* shows a possible array of faults striking parallel to foliation (and the fracture set described above). However the senses of movement on these structures were inconsistent with one another.

The faults near trenches 4 and 13 which offset dykes by approximately half a meter, could be related to the major fault which bounds the deposit to the west as they are similarly oriented.

**Discussion and Conclusions:**

The following is the most likely structural history, given the information above.

Planes of weakness would have developed during initial deformation, which later formed the shear zones. These planes of weakness are parallel to bedding and contacts in the original package of rocks. The H1 zone for example roughly follows the tuff-porphyry contact.

The lineated fracture planes appear to have formed as a response to the stress that created the shear zones. Mineral elongation directions on these fractures indicate a principle compression direction perpendicular to foliation (see schematic sketch). Reverse movement indicators on the lineations are consistent with compression.

Because the lineations are aligned at 90 degrees to the shears, there would have been little or no strike-slip movement (as the rocks are seen now) along the shears. However it is possible there was up-down displacement, as the lineations give no indication of the plunge of the principle compression direction. Indeed the structures within the shears indicate that they were formed by considerable movement along the shears, which would require the principle compression direction to be at an angle from the normal. However, as previously stated, these structures are not indicative of movement in any one direction as one would expect in the case of lateral shearing. Whether it is possible for the cataclastic and mylonitic structures to have been formed by pure flattening with little lateral displacement along the shears is unknown.

It could be argued that the fracture set containing the elongation lineations was active at a different time than the shear zones, and therefore are not indicative of the stresses that formed the shears. However most of the lineations appear to have formed during crystal growth, which only would have occurred at significant temperatures, as would have the ductile deformation within the shear zones. More conclusive evidence that the lineations formed at the same time as the shears is the occurrence of relatively undeformed clasts within the shears with lineated surfaces. These clasts are wrapped by the strongly deformed fabric within the shears. The lineations are similarly oriented to lineations outside the shear zones.

The joints which cut foliation at 90 degrees are interpreted to post date the previous lineated fracture set. They do not seem to have any immediate link with the deformation that formed the shears. The dykes which are aligned parallel to these joints are undeformed except for small offsets on foliation parallel faults. These faults represent the last deformation event, and as mentioned above, could be related to the large fault which bounds the property to the west.

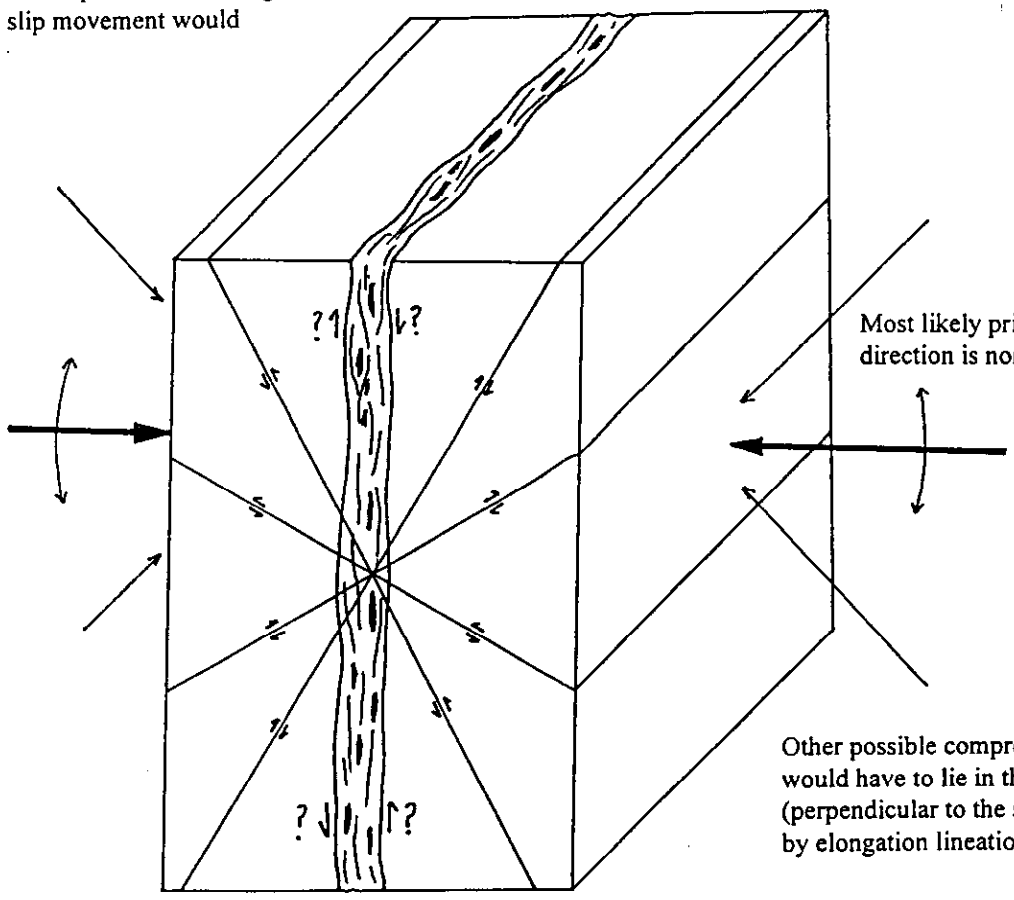
The geometry of the shear zones themselves is difficult to predict from the structural data shown here. The shears are pod like, and pinch and swell as a response to unknown factors. Faults undoubtedly cut the mineralized structures at depth as well as those which have been mapped on surface.

# Schematic Block Diagram showing the most likely Principle Compression Direction.

Shear zone with brittle-ductile deformation.

132°

Because lineations indicate compression at 90 degrees to the shear zones, strike slip movement would not have occurred.



Most likely principle compre direction is normal to shear z

Other possible compression directio would have to lie in the same plane (perpendicular to the shears) as indic by elongation lineations.

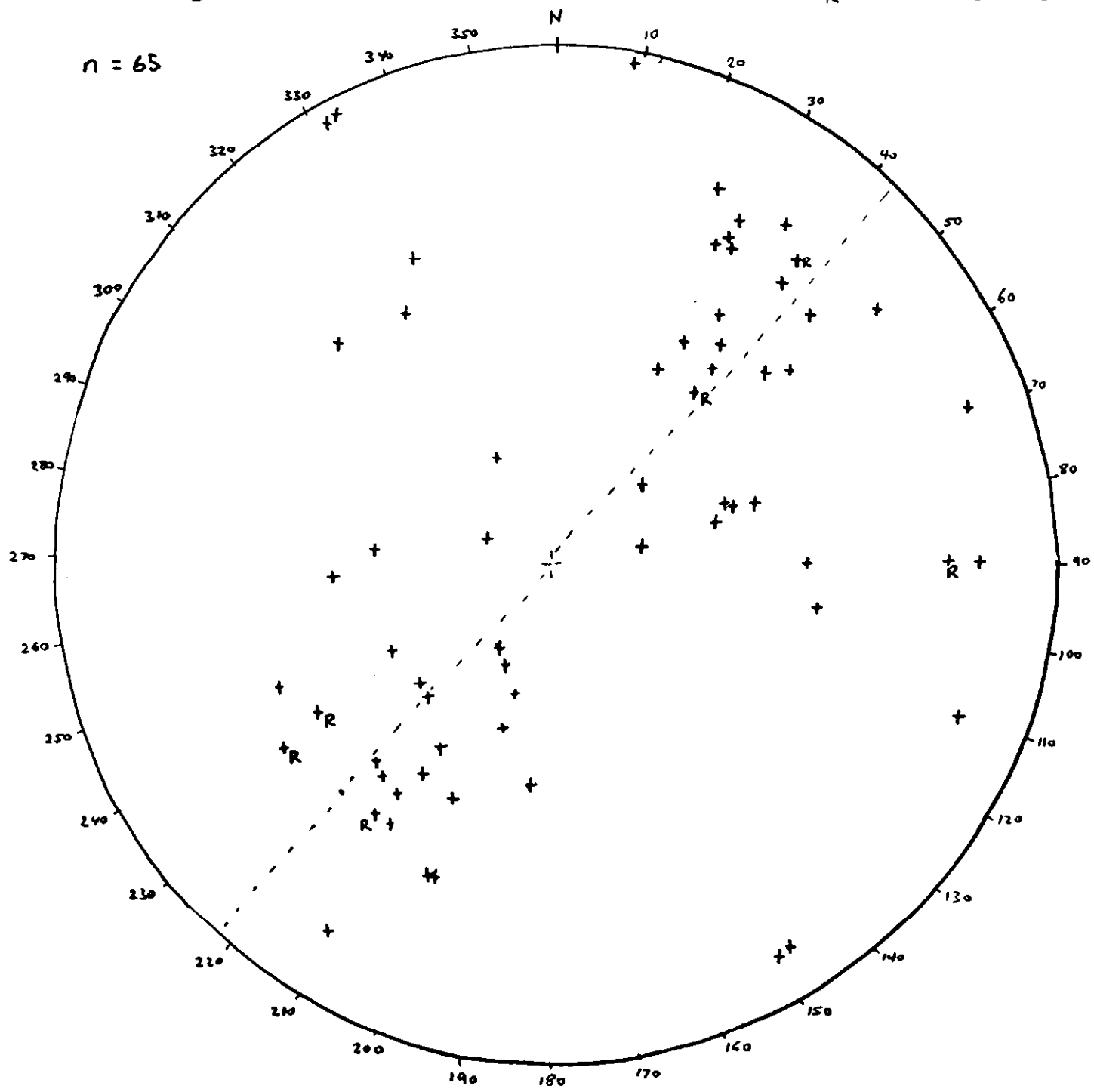
Fractures with mineral elongation lineations on their surfaces. When seen, steps on the lineations indicate reverse movement.

There would have been significant "up-down" displacement if the principle compression direction was not normal to foliati

ELONGATION LINEATIONS

R: Reverse sense of movement

n = 65



Homestake Canada Inc.

*Date*: October 16, 1996

*To*: Andrew Kaip

*From*: Chris Huggins

*Re*: Summary of Clone field work and conclusions

The following report is a summary of field work and initial conclusions regarding the Clone property. Several days were spent on the Clone property to continue mapping at 1:500 scale, and collect data for my B.Sc. thesis on the style of deformation, and mineralogy of the area.

In total, 7.5 days were spent mapping and collecting data for the thesis topic. The first 2.5 days were spent in the area previously mapped by A. Kaip, K. Patterson, and R. McLeod, becoming familiar with the property, and making notes on the main shear zones, in particular the H-zone. Samples were collected showing clast alignment, and shearing. The following three days were spent mapping, collecting structural data, and samples in the area to the north of camp. It was in this area that I did original mapping of the property. One day was spent touring around the property with Dani Alldrick and Al Raven.

A total of 28 samples were collected for analysis by polished thin section, including 5 samples of core taken to complement the surface samples. The core samples, and samples from trenches 8 & 193 will be used in my Geology 428 Ore Microscopy course, for which a report on the mineralogy, textures, and possible deposit models will be produced. This data will also be included in my thesis paper.

*Structure*

There is an dominant trend of the rock units, shears, and cleavage towards 320. The main area of study was the shearing within the H&S-zones, the foliation development, and the alignment of clasts in volcaniclastic and breccia units. The H-zone is strongly hematite and quartz altered, with rare sulphide mineralization and localized disseminated free gold. Within the H-zone, the he and qtz appears to be 'flowing' as in a ductile system, in addition to the presence of brittle features. Deformation in the area was likely a cyclic brittle-ductile event. There is evidence abound for this conclusion: the alignment and elongation of fragments and crystals in the rock units, pervasive foliation, and well developed S&C fabric within the shears indicate a ductile environment. The formation of Reidel shears within shear zones and brecciation of rock units along strike serves as evidence for brittle deformation. The formation of the main structures seen on the property were developed over a long period of time, with pressure and temperature conditions likely in greenschist facies.

It is anticipated that the questions of how this area was deformed will be resolved with polished thin section , SEM and TEM work. Many of the structures noted in the field could not be interpreted with confidence in the absence of thin section analysis. For

example, is the alignment of the clasts due to pure, or simple shear, or is this a combination of all of these processes?

There is some obvious shearing in the S-zone, with development of a cleavage fabric, sub-euhedral recrystallization of py and aspy, and alignment of sulphides in bands and lenticular masses. The S-zone consists primarily of Py, Aspy, and minor Cpy, with very strong pervasive chlorite alteration, with minor magnetite and hematite. The S-zone can be traced for a considerable distance, grading from fine dissemination within volcanic tuffs to massive sulphide veins up to 1m thickness.

As with the H-zone, it is unknown whether or not the textures and mineralogy along strike of the S-zone are correlative, and if the mechanism of deformation can be quantified.

Are the deformation textures for the S-zone seen in Tr 8 correlative to those seen in Tr 193, and in core, and what is the possible origin for the textures seen? Is the mineralogy the same throughout the zone? What is the mechanism of deformation of this zone, and how can it be related to the textures seen in the H-zone? As with the H-zone, these questions will be resolved through thin section study.

*Deformation History*

1. Cyclic brittle ductile deformation
    - -elongation and alignment of clasts towards ~320°
    - -fluid flow along major conduits (H & S-zone?)
        - H-zone most evidence of flow & pressure solution
        - S-zone shows brittle & ductile flow of sulphides
    - -brittle cataclastic features also evident in both zones
    - -mostly sinistral shearing, but occasional dextral movement (conjugate shears)
2. Sinistral shears offset oriented towards ~260°
    - -occasional dextral shears
    - -shown best in diorite dyke offset in gabbro & H-zone, but pervasive throughout area
    - -most readily identified shears, cut entire area of study
    - -cataclastic (brittle)movement, R, R', Pshear evident
    - -sigmoidal tension gashes showing sinistral compression

## Conclusion

The shear system of the Clone property resulted from a long history of brittle and ductile shearing with examples showing both styles of deformation. The overall direction of movement within the primary shear system (320) is sinistral, with some vertical component.

Through detailed polished thin section analysis of strain textures in transparent and opaque minerals, the paragenetic sequence of mineral deposition and deformation history of the property will be resolved.

## Addendum

Initial thin section analysis indicates gold deposition in the last phase of brittle movement along the 320 trend from a sample in Trench 4. Other textures seen in thin section are indicative of brittle and ductile environments; from granoblastic polygonal quartz ('foam structure') to brecciated clasts and quartz grains. In some thin sections, the texture is similar to that of an ultramylonite, and a sample from a brittle shear in the gabbro on the SW side of the property shows almost no deformation of the minerals, and minor calcite fracture fill (possible tension gashes).

# Appendix VIII

## Summary on Clone Project

by

E.W. Grove

**E. W. Grove Consultants Ltd.**

4581 Boulderwood Drive, Victoria, British Columbia V8Y 3A5
Telephone (604) 658-2366 · Fax (604) 658-5289

November 3, 1996

Dino Cremonese, P.Eng., President
TEUTON RESOURCES CORP.
509 - 675 W. Hastings Street
VANCOUVER, B.C. V6B 1N2

Dear Dino:

**RE: CLONE Property**

My geological appraisal of the CLONE H and S zones of mineralization in 1995 was based upon a partial day on the property and partly upon the 1996 report by Walus and Kruchkowski. Because of an unusual snowfall in mid-September I was unable to see more of the property's surface, in particular the stratigraphy mapped during the 1996 season by Homestake and Teuton personnel. I therefore spent my time on the property examining core from 14 of the 1996 drill holes.

Work by the Homestake personnel suggests that the H- and S- mineral zones lie within either mainly hornblende biotite porphyry and mafic volcanic breccia (Andrew Kaip) or a sequence comprising intermediate to mafic volcanics and sediments which have been intruded by several phases of felsic sills and dikes (McLeod).

The mixed sedimentary/volcanic explanation seems best at this time by assuming a southwest to northeast sequence in which altered and strongly deformed black 'argillite' forms the main westerly recognizable Camp unit which has been intersected in a good number of drill holes and is well exposed through the camp area. In surface outcrop this rock has a mottled aspect related to either siderite or ankerite alteration and is marked by contorted foliation. In drill core the argillite is marked by light colored, rotated angular chloritic K-feldspar, and sericitic/quartz lenses which grade into 1 to 15 cm wide finely foliated syenite/K-feldspar laminae to the west. The fragments, lenses and laminae show both flaser structure and extensive recrystallization. Drill hole 96-36 is a good example of the 'argillite' which grades westerly into a semischist/sericite schist of unknown extent. Homestake surface mapping also shows a number of 'gabbro' lenses more or less in the same stratigraphic horizon as the schist/mudstone below camp, but McLeod has suggested this argillite (mudstone) units which also includes intercalated siltstone, sandstone, and intermediate volcanic strata. The mudstone units lies in sharp and near vertical contact with a 75 to 100 meter wide mixed sequence which hosts the gold-cobalt bearing H- and S- zones. The bulk of the 1995 and 1996 core drilling has been

oriented to test this important unit. The Homestake core logging has interpreted this mixed sequence as mainly hornblende, hornblende-biotite, and biotite porphyry, and andesite with variously intercalated hematite and chlorite. This simplified nomenclature has probably been based upon map units in use at Red Mountain. In fact most of the rocks in this unit have been cataclastically deformed and intensely altered and probably include a variety of country rocks and syenite lenses (sills). Most of the country rocks are now represented by massive to mottled dark green and grey cataclasites. Most are very fine grained as a result of intense recrystallization. K-feldspar alteration which is very obvious when etched varies from a few percent to almost 100 percent over large widths both as veins, veinlets, and matrix. The breccia aspect of many of these rocks in core has been strongly accentuated by chlorite, hematite, magnetite, and by later quartz and calcite veining. Deformation features also include a variable to strong irregular foliation which cuts cataclastic foliation, as well as late crushing and faulting.

At this time the amount of fault displacement within and across the zone is uncertain although Kaip has suggested that both the H- and S- zones are fault controlled. Deformation throughout the 'Host' sequence and wall rocks exemplified by cataclasis and mylonitization is certain. As in most cataclasite zones the variable attitude and plunges noted by Kaip can be related very simply to the complex makeup of the system. That is, the finely laminated materials tend to wrap around the less friable elements such as the relatively massive syenite and quartz lenses. Foliation is therefore complex and determined by rock components and does not lend to simplistic structural determinations. Chaotic folds and foliation are typical.

The extent of chlorite alteration in these mineral zone hosts suggest relatively low grade hydrothermal alteration of a mainly basic volcanic country rock including andesitic basalts, and basalts. Relict textures in many of the cores examined showed scattered altered hornblende and augite. In hole 96-64 one segment from 47.5 to 47.8 m has a well developed trachytic texture with augite phenocrysts and could represent the preserved portion of a flow, or sill, but elsewhere in this hole I would describe the K-feldspar rich massive rocks as pseudo-porphyry. The breccia aspect of many of these rocks has been accentuated by fine grained hematite outlining the clasts as well as by K-feldspar. Hematite also comprises a number of substantial widths within the overall Host rock and coexists with variable to substantial amounts of magnetite and chlorite which has led to the general opinion that the hematite represents a mainly early alteration phase.

This Host sequence is in sharp contact to the northeast with a 100 meter thick, possibly wedge shaped, very coarse heterolithic breccia unit which contains some

auriferous hematite clasts and sulfides. This massive unit shows very little deformation and has acted as a large 'horse' within the local sequence which to the northeast again, comprises an assemblage of thinly banded mudstone, siltstone, sandstone, limestone plus intercalated volcanic rocks. McLeod has described these rocks as the basal unit and suggested tops lie to the southwest. I have not seen this sequence and cannot comment on tops but it is similar in makeup to both late Upper Triassic and early Lower Jurassic sequences found throughout the Stewart Complex. Apparently one fossil 'clam' has been found in these rocks, but was not available at the time of my visit.

Of most importance to the project is the gold-cobalt mineralization so far localized within the H- and S- zones. Native gold has been observed as fine specks in fine quartz veinlets in association with vuggy coarse specularite, with pods and lenses of sugary brown biotite, and as specks in late vuggy calcite stockwork veinlets in the H-1 hematite zones. As such, VG has been noted in several trenches and at least eight core holes (Phase 1). Sulfide distribution within the H-1 (pyrite, chalcopyrite, arsenopyrite, pyrrhotite) has not yet been plotted from trenches, core, and rock descriptions and so has been described as erratic. Sulfides seen in the core I examined have like the host materials been deformed by crushing and redistributed.

Gold and cobalt bearing sulfides appear to be found in the S- zones where chlorite rather that hematite predominates. The sulfide minerals include mainly pyrite and arsenopyrite, with lesser chalcopyrite, and pyrrhotite. In all of the core I examined from the S- zones the pyrite and arsenopyrite had been strongly crushed to form lenses and pods within the foliated cataclasites. In Hole 96-18 arsenopyrite-pyrite intersected from about 124.0 to 128.0 meters displays coarse to fine banding at about 40 degrees to the core and indicates the true width of the intersection is less than the intersection. This also suggests that the sulfides originally formed a narrow vein or lens within the now chloritic host. Other core examined (96-41, and -43) showed similar features. McLeod suggested that so far the results indicate that the hematite rich H-1 type gold mineralization will become sulfide rich (S- type?) at depth. This has not yet been demonstrated but demands that detailed cross sections and long sections are required for both the H- and S- zones.

Thus far, based upon mainly visual identifications sulfide minerals include mainly pyrite, arsenopyrite, chalcopyrite, pyrrhotite (rare), and tennantite (?). Oxide minerals include mainly hematite, magnetite, and specularite. Native gold has been identified in several associations, mainly as late stage or transported occurrences. Overall general alteration includes a variety of low grade and retrograde silicates including

biotite(s), sericite, chlorite, calcite, ankerite (siderite?), quartz, and substantial to pervasive K-feldspar. Some hematite and magnetite are alteration products. Late stage quartz stockwork veins and veinlets, as well as calcite veinlets, appear to have been the last significant mineralizing features in both the H- and S- zones.

On the basis of limited visual study I would suggest that the 'host' rock units were intruded at an early stage by mafic syenite as thin sill-like units (K-feldspar intrusives, and K-feldspar/magnetite flows are well documented in the Stewart Complex) as low temperature pre tectonic features. This event was followed by formation of sulfide veins and injection of early stage quartz veins along early fracture systems and accompanied by extensive K-feldspar metasomatism, and chloritization. Hematite/magnetite rich units within the 'Host' sequence, as well as the altered country rock, was cataclastically deformed resulting in the brecciation, boudinage, and redistribution noted today.

Explanation of the 'ore' mineralogy in the H- and S- zones should account for both the simple boudinaged auriferous sulfide lenses, the auriferous quartz lenses and stringers, and the occurrence of hematite/magnetite. Comparison of the new mineral deposit to well studied major producers (models) can provide some insight to genesis.

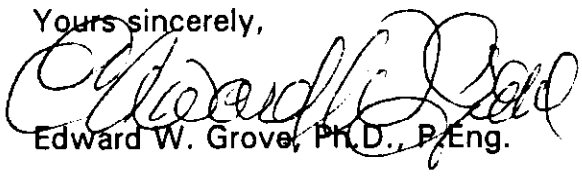
British Columbia's major producer, the Bridge River Camp (>8,000,000 oz. gold), which comprised mainly massive bull quartz veins with ribbon sulfides and free gold does not provide any insight to the Clone deposits. The Rossland Camp (2,800,000 oz. Au) ores were mainly massive to well banded pyrite, pyrrhotite, chalcopyrite veins localized along rock contacts. The copper-gold ores contained less than 10 percent quartz, and carried significant nickel and cobalt (up to 0.56% Co). K-feldspar rich intrusives (pulaskite) were also locally important features. The #3 Silbak Premier Camp (>2,000,000 oz. Au, 50,000,000 Ag) mineralization comprises a 6,000 foot long quartz replacement zone within cataclastically deformed Lower Jurassic country rocks. The ore shoots comprised massive sulfides contained within an extensive quartz rich envelope peripherally marked by wide K-feldspar alteration. Evidence for the general low temperature environment of mineralization in the camp is the presence of andularia/sericite alteration. All of the massive sulfide lenses within the Silbak Premier system have been strongly deformed to produce breccia/banded ore. The bonanza ores found near the present surface extend to depth where they change to lower grade quartz-sulfide shoots. The deposit has been classified as a telethermal or telescoped epithermal deposit. Hematite rich units located above the mineralization were first called the "purple tuff" units and were thought to control sulfide mineralization. Detailed mapping showed these units were part of the country rock sequence. Other thick hematitic strata have been mapped throughout the general area.

The Johnny Mountain gold-silver mineralization found in 1981 produced from 1986 to 1989. Ore consisted of massive to banded pyrite, chalcopyrite, pyrrhotite and lesser amounts of galena, sphalerite, a variety of gold and silver sulfides, and native gold. Quartz and carbonate content was less than 10%. Host rock syenite was fractured and altered by several phases of K-feldspar, biotite, and chlorite before injection of the massive sulfide veins. The sulfides were followed by, and host rocks were further cataclastically deformed and altered by K-feldspar metasomatism. Arsenopyrite was not a significant mineral in the sulfide veins. Vein quartz made up less than 10% of the orebodies. Overall this deposit has some similarities to the Rossland ores but is marked by repeated cataclasis and K-feldspar metasomatism.

The nearby Snip gold deposit put into production by Cominco in 1993 represents a quartz rich, sulfide bearing, deformed vein system. The primary gold bearing sulfide is arsenopyrite with associated pyrite and pyrrhotite. The country rocks are part of an early Lower Jurassic folded, deformed siltstone sequence which has been almost entirely replaced by K-feldspar with associated chlorite and carbonate. The veins are closely associated with chalcopyrite-pyrite lenses and veins, and a syenite stock (Red Bluff). The McLymont gold deposit located on the north side of the Iskut River near Kennecott Lake has been intensely explored by core drilling and surface trenching. The mineralization consists almost entirely of massive pods of magnetite, hematite (some coarse specularite), pyrite and pyrrhotite, with lesser chalcopyrite, and minor galena and sphalerite. Native gold was found in late quartz veinlets which cut across the main mineralization. The host rocks are part of a Lower Mississippian carbonate-sandstone sequence. The deposit is a simple skarn type marked by extensive retrograde metasomatism. That is, the original skarn silicates have been altered to mainly biotite and chlorite. The overall spatial relationships have been complicated by early stage stratigraphic folding and late faulting.

The Clone mineral deposits show similarities to aspects of several of the above well explored and documented properties but resemble most closely skarn mineralization. I suggest that the Clone deposit is atypical and represents a metasomatized (K-feldspar) highly deformed skarn-like deposit along with early quartz veining.

Yours sincerely,



Edward W. Grove, Ph.D., P.Eng.

# Appendix IX

# Magnetometer Readings

| Line 7+7 | 5N D | ate | 25-Jun-96 | | #2 | |
|---|---|---|---|---|---|---|
| POSITIO | FIELD | ERR | DRIFT | TIME | DS | CULT |
| 1750 | 50029.2 | 0.06 | 6744.3 | 9:17:39 | | 88 |
| 1775 | 50021.4 | 0.04 | 6744.3 | 9:20:09 | | 88 |
| 1800 | 50014.7 | 0.04 | 6744.2 | 9:21:41 | | 88 |
| 1825 | 50035.2 | 0.07 | 6744 | 9:22:49 | | 88 |
| 1850 | 50023.8 | 0.04 | 6743.9 | 9:23:53 | | 88 |
| 1875 | 50008.7 | 0.04 | 6744 | 9:25:05 | | 88 |
| 1900 | 50027.5 | 0.04 | 6744.2 | 9:26:03 | | 88 |
| 1925 | 50027.2 | 0.04 | 6744.2 | 9:27:17 | | 88 |
| 1950 | 50016 | 0.03 | 6744 | 9:28:11 | | 88 |
| 1975 | 50008.5 | 0.03 | 6744 | 9:29:46 | | 88 |
| 2000 | 50026.5 | 0.04 | 6744 | 9:30:38 | | 88 |
| 2025 | 50029.2 | 0.04 | 6744.1 | 9:31:38 | | 88 |
| 2050 | 50015.7 | 0.05 | 6744.1 | 9:32:45 | | 88 |
| 2075 | 50024.2 | 0.04 | 6744.1 | 9:33:42 | | 88 |
| 2100 | 50053.1 | 0.04 | 6744.2 | 9:34:45 | | 88 |
| 2125 | 50023.5 | 0.03 | 6744.3 | 9:35:42 | | 88 |
| 2150 | 50039.6 | 0.04 | 6744.2 | 9:36:47 | | 88 |
| 2175 | 50030.5 | 0.04 | 6744.3 | 9:37:40 | | 88 |
| 2200 | 50038.3 | 0.04 | 6744.4 | 9:38:42 | | 88 |
| 2225 | 50036.4 | 0.14 | 6744.4 | 9:39:37 | | 88 |
| 2250 | 50033.8 | 0.11 | 6744.4 | 9:40:38 | | 88 |
| 2275 | 50042.2 | 0.04 | 6744 | 9:41:52 | | 88 |
| 2300 | 49998.1 | 0.04 | 6743.8 | 9:42:52 | | 88 |
| 2325 | 50033.5 | 0.04 | 6743.7 | 9:43:47 | | 88 |
| 2350 | 50007.2 | 0.05 | 6743.6 | 9:44:48 | | 88 |
| 2375 | 50027.3 | 0.04 | 6743.6 | 9:45:41 | | 88 |
| 2400 | 50028.1 | 0.11 | 6743.5 | 9:46:43 | | 88 |
| 2425 | 50019.1 | 0.04 | 6743.2 | 9:47:40 | | 88 |
| 2450 | 50006.1 | 0.04 | 6743.1 | 9:48:42 | | 88 |
| 2475 | 50033.1 | 0.05 | 6743 | 9:49:38 | | 88 |
| 2500 | 49996.2 | 0.04 | 6742.9 | 9:50:45 | | 88 |
| Line 8+ | 00N | Date | 25-Jun-96 | | #33 | |
| POSITIO | FIELD | ERR | DRIFT | TIME | DS | CULT |
| -2500 | 50010.9 | 0.05 | 6742.8 | 9:52:06 | | 88 |
| -2475 | 50033.5 | 0.05 | 6742.5 | 9:56:31 | | 88 |
| -2450 | 50043.1 | 0.33 | 6742.5 | 9:57:35 | | 88 |
| -2425 | 50031.8 | 0.03 | 6742.4 | 9:58:34 | | 88 |
| -2400 | 50031.7 | 0.06 | 6742.1 | 9:59:28 | | 88 |
| -2375 | 50019.5 | 0.04 | 6742.3 | 1 0:00:25 | | 88 |
| -2350 | 50025.4 | 0.05 | 6742.2 | 1 0:01:22 | | 88 |
| -2325 | 50016.2 | 0.03 | 6742.2 | 1 0:02:18 | | 88 |
| -2300 | 50033.7 | 0.07 | 6742.1 | 1 0:03:13 | | 88 |
| -2275 | 50029.6 | 0.04 | 6741.8 | 1 0:04:09 | | 88 |
| -2250 | 50023.1 | 0.04 | 6741.8 | 1 0:05:07 | | 88 |
| -2225 | 50048.5 | 0.04 | 6741.8 | 1 0:06:03 | | 88 |
| -2200 | 50023.9 | 0.05 | 6741.8 | 1 0:06:59 | | 88 |
| -2175 | 50066 | 0.05 | 6741.6 | 1 0:07:55 | | 88 |
| -2150 | 50028 | 0.06 | 6741.5 | 1 0:08:51 | | 88 |
| -2125 | 50038.4 | 0.06 | 6741.3 | 1 0:09:56 | | 88 |

| | | | | | | |
|---|---|---|---|---|---|---|
| -2100 | 50004.2 | 0.04 | 6741.2 | 1 | 0:10:48 | 88 |
| -2075 | 50052.2 | 0.04 | 6741.1 | 1 | 0:11:43 | 88 |
| -2050 | 50031.1 | 0.04 | 6741.1 | 1 | 0:12:40 | 88 |
| -2025 | 50037.7 | 0.04 | 6740.7 | 1 | 0:13:36 | 88 |
| -2000 | 50028.6 | 0.04 | 6740.3 | 1 | 0:14:31 | 88 |
| -1975 | 50048.2 | 0.05 | 6740.2 | 1 | 0:15:30 | 88 |
| -1950 | 50025.2 | 0.06 | 6739.9 | 1 | 0:16:28 | 88 |
| -1925 | 50061.5 | 0.04 | 6739.5 | 1 | 0:17:23 | 88 |
| -1900 | 50029 | 0.04 | 6739.4 | 1 | 0:18:19 | 88 |
| -1875 | 50048.2 | 0.12 | 6739.1 | 1 | 0:19:15 | 88 |
| -1850 | 50035.1 | 0.04 | 6739.0 | 1 | 0:20:13 | 88 |
| -1825 | 50047.7 | 0.25 | 6738.7 | 1 | 0:21:07 | 88 |
| -1800 | 50028.7 | 0.12 | 6738.7 | 1 | 0:22:05 | 88 |
| -1775 | 50019.2 | 0.19 | 6738.5 | 1 | 0:23:00 | 88 |
| -1750 | 50043.2 | 0.15 | 6738.5 | 1 | 0:23:59 | 88 |

| Line 8+ | 25N | Date | 25-Jun-96 | | | #64 |
|---|---|---|---|---|---|---|
| POSITIO | FIELD | ERR | DRIFT | | TIME | DS CULT |
| 1750 | 50025.1 | 0.04 | 6738.4 | 1 | 0:24:54 | 88 |
| 1775 | 50035.4 | 0.04 | 6737.7 | 1 | 0:27:29 | 88 |
| 1800 | 50053.1 | 0.04 | 6737.3 | 1 | 0:28:36 | 88 |
| 1825 | 50061.5 | 0.07 | 6737.0 | 1 | 0:29:31 | 88 |
| 1850 | 50027 | 0.06 | 6736.9 | 1 | 0:30:31 | 88 |
| 1875 | 50049.6 | 0.07 | 6736.7 | 1 | 0:31:25 | 88 |
| 1900 | 50018.4 | 0.04 | 6736.4 | 1 | 0:32:29 | 88 |
| 1925 | 50021.9 | 0.04 | 6736.5 | 1 | 0:33:25 | 88 |
| 1950 | 50028.6 | 0.03 | 6736.3 | 1 | 0:34:28 | 88 |
| 1975 | 50030.2 | 0.06 | 6736.0 | 1 | 0:35:24 | 88 |
| 2000 | 50020.1 | 0.03 | 6735.7 | 1 | 0:36:26 | 88 |
| 2025 | 50041.7 | 0.15 | 6735.8 | 1 | 0:37:21 | 88 |
| 2050 | 50010.8 | 0.06 | 6735.8 | 1 | 0:38:25 | 88 |
| 2075 | 50028.1 | 0.05 | 6735.2 | 1 | 0:39:21 | 88 |
| 2100 | 50027.6 | 0.04 | 6734.7 | 1 | 0:40:23 | 88 |
| 2125 | 50022.5 | 0.1 | 6734.9 | 1 | 0:41:18 | 88 |
| 2150 | 50013.9 | 0.04 | 6734.9 | 1 | 0:42:24 | 88 |
| 2175 | 50042.7 | 0.04 | 6734.5 | 1 | 0:43:21 | 88 |
| 2200 | 50020.3 | 0.04 | 6734.3 | 1 | 0:44:25 | 88 |
| 2225 | 50022.5 | 0.03 | 6734.5 | 1 | 0:45:22 | 88 |
| 2250 | 50006.4 | 0.03 | 6734.7 | 1 | 0:46:25 | 88 |
| 2275 | 50009.5 | 0.04 | 6734.4 | 1 | 0:47:22 | 88 |
| 2300 | 50015.4 | 0.03 | 6733.8 | 1 | 0:48:26 | 88 |
| 2325 | 50027.2 | 0.04 | 6733.5 | 1 | 0:49:38 | 88 |
| 2350 | 50019.6 | 0.05 | 6733.3 | 1 | 0:50:37 | 88 |
| 2375 | 50021.5 | 0.04 | 6733.2 | 1 | 0:51:40 | 88 |
| 2400 | 50008.9 | 0.04 | 6733.2 | 1 | 0:52:38 | 88 |
| 2425 | 50037.3 | 0.08 | 6733.5 | 1 | 0:53:44 | 88 |
| 2450 | 49994.9 | 0.04 | 6733.7 | 1 | 0:54:42 | 88 |
| 2475 | 50032.2 | 0.03 | 6733.2 | 1 | 0:55:37 | 88 |
| 2500 | 50026.2 | 0.09 | 6732.6 | 1 | 0:56:46 | 88 |

| Line 8+5 | 0N | D | ate | 25-Jun-96 | | #95 |
|---|---|---|---|---|---|---|
| POSITIO | FIELD | | ERR | DRIFT | TIME | DS CULT |
| -2500 | 50058.4 | | 0.22 | 6732.5 1 | 0:57:49 | 88 |

| | | | | | | |
|---|---|---|---|---|---|---|
| -2475 | 50041 | 0.04 | 6732.6 | 1 | 0:59:30 | 88 |
| -2450 | 50038.1 | 0.04 | 6732.1 | 1 | 1:00:29 | 88 |
| -2425 | 50060.9 | 0.14 | 6731.5 | 1 | 1:01:26 | 88 |
| -2400 | 50019.5 | 0.03 | 6731.4 | 1 | 1:02:22 | 88 |
| -2375 | 50041.4 | 0.08 | 6731.7 | 1 | 1:03:18 | 88 |
| -2350 | 50025.2 | 0.11 | 6732.0 | 1 | 1:04:15 | 88 |
| -2325 | 50032.3 | 0.05 | 6731.8 | 1 | 1:05:11 | 88 |
| -2300 | 50039.4 | 0.04 | 6731.9 | 1 | 1:06:07 | 88 |
| -2275 | 50041.2 | 0.07 | 6732.2 | 1 | 1:07:02 | 88 |
| -2250 | 50036.3 | 0.04 | 6732.2 | 1 | 1:08:00 | 88 |
| -2225 | 50030.3 | 0.07 | 6731.7 | 1 | 1:08:55 | 88 |
| -2200 | 50068.4 | 0.15 | 6731.3 | 1 | 1:09:52 | 88 |
| -2175 | 50024.1 | 0.14 | 6731.2 | 1 | 1:10:56 | 88 |
| -2150 | 50027.3 | 0.03 | 6731.4 | 1 | 1:11:51 | 88 |
| -2125 | 50045.4 | 0.07 | 6731.5 | 1 | 1:12:47 | 88 |
| -2100 | 50046.9 | 0.04 | 6731.4 | 1 | 1:13:43 | 88 |
| -2075 | 50045.7 | 0.04 | 6731.5 | 1 | 1:14:40 | 88 |
| -2050 | 50077.4 | 0.18 | 6731.5 | 1 | 1:15:39 | 88 |
| -2025 | 50028.2 | 0.04 | 6731.5 | 1 | 1:16:34 | 88 |
| -2000 | 50034.3 | 0.04 | 6731.2 | 1 | 1:17:29 | 88 |
| -1975 | 50030.9 | 0.04 | 6731.0 | 1 | 1:18:23 | 88 |
| -1950 | 50053.4 | 0.04 | 6730.8 | 1 | 1:19:20 | 88 |
| -1925 | 50033.9 | 0.03 | 6730.8 | 1 | 1:20:16 | 88 |
| -1900 | 50034.2 | 0.04 | 6730.7 | 1 | 1:21:14 | 88 |
| -1875 | 50046.7 | 0.04 | 6730.5 | 1 | 1:22:10 | 88 |
| -1850 | 50037.4 | 0.03 | 6730.2 | 1 | 1:23:10 | 88 |
| -1825 | 50044.2 | 0.04 | 6730.2 | 1 | 1:24:06 | 88 |
| -1800 | 50015.3 | 0.04 | 6730.0 | 1 | 1:25:05 | 88 |
| -1775 | 50047.6 | 0.05 | 6729.9 | 1 | 1:26:03 | 88 |
| -1750 | 50039.6 | 0.04 | 6729.8 | 1 | 1:27:04 | 88 |

| Line 8+7 | 5N D | ate | 25-Jun-96 | | | #126 |
|---|---|---|---|---|---|---|
| POSITIO | FIELD | ERR | DRIFT | | TIME | DS CULT |
| 1750 | 50022.9 | 0.04 | 6729.9 | 1 | 1:28:02 | 88 |
| 1775 | 50028.5 | 0.03 | 6729.6 | 1 | 1:32:00 | 88 |
| 1800 | 50026.6 | 0.04 | 6729.6 | 1 | 1:33:05 | 88 |
| 1825 | 50019.5 | 0.04 | 6729.4 | 1 | 1:34:05 | 88 |
| 1850 | 50018.8 | 0.03 | 6729.1 | 1 | 1:35:04 | 88 |
| 1875 | 50028.9 | 0.04 | 6729.0 | 1 | 1:36:02 | 88 |
| 1900 | 50007.8 | 0.04 | 6728.9 | 1 | 1:37:10 | 88 |
| 1925 | 50025.5 | 0.04 | 6728.9 | 1 | 1:38:06 | 88 |
| 1950 | 50039.5 | 0.05 | 6728.8 | 1 | 1:39:13 | 88 |
| 1975 | 50033.2 | 0.04 | 6728.8 | 1 | 1:40:08 | 88 |
| 2000 | 50047 | 0.08 | 6728.4 | 1 | 1:41:12 | 88 |
| 2025 | 50039.9 | 0.03 | 6728.4 | 1 | 1:42:12 | 88 |
| 2050 | 50019.7 | 0.04 | 6728.5 | 1 | 1:43:13 | 88 |
| 2075 | 50017.1 | 0.04 | 6728.4 | 1 | 1:44:10 | 88 |
| 2100 | 50020.3 | 0.04 | 6728.4 | 1 | 1:45:14 | 88 |
| 2125 | 50017.8 | 0.06 | 6728.4 | 1 | 1:46:22 | 88 |
| 2150 | 50012.3 | 0.03 | 6728.4 | 1 | 1:47:27 | 88 |
| 2175 | 50020.1 | 0.04 | 6728.3 | 1 | 1:48:25 | 88 |
| 2200 | 50034 | 0.05 | 6728.3 | 1 | 1:49:27 | 88 |

| | | | | | | |
|---|---|---|---|---|---|---|
| 2225 | 50015.9 | 0.06 | 6728.1 | 1 | 1:50:23 | 88 |
| 2250 | 50011.9 | 0.04 | 6728.0 | 1 | 1:51:28 | 88 |
| 2275 | 50003.9 | 0.04 | 6728.0 | 1 | 1:52:24 | 88 |
| 2300 | 50001.4 | 0.04 | 6727.8 | 1 | 1:53:28 | 88 |
| 2325 | 50013 | 0.04 | 6727.8 | 1 | 1:54:25 | 88 |
| 2350 | 50021.1 | 0.04 | 6727.6 | 1 | 1:55:27 | 88 |
| 2375 | 50021.5 | 0.03 | 6727.4 | 1 | 1:56:28 | 88 |
| 2400 | 50010.1 | 0.04 | 6727.5 | 1 | 1:57:32 | 88 |
| 2425 | 50020.8 | 0.04 | 6727.5 | 1 | 1:58:30 | 88 |
| 2450 | 50009 | 0.07 | 6727.5 | 1 | 1:59:33 | 88 |
| 2475 | 50003.1 | 0.04 | 6727.4 | 1 | 2:00:38 | 88 |
| 2500 | 50006.1 | 0.04 | 6727.4 | 1 | 2:01:44 | 88 |
| Line 9+0 | 0N D | ate | | 25-Jun-96 | | #157 |
| POSITIO | FIELD | ERR | | DRIFT | TIME | DS CULT |
| -2500 | 50013.3 | 0.04 | 6727.4 | 1 | 2:02:42 | 88 |
| -2475 | 50033 | 0.04 | 6727.4 | 1 | 2:04:09 | 88 |
| -2450 | 50034.4 | 0.05 | 6727.4 | 1 | 2:05:09 | 88 |
| -2425 | 50020.7 | 0.03 | 6727.4 | 1 | 2:06:06 | 88 |
| -2400 | 50010.3 | 0.04 | 6727.8 | 1 | 2:07:00 | 88 |
| -2375 | 50021.3 | 0.04 | 6728.1 | 1 | 2:07:57 | 88 |
| -2350 | 50003.5 | 0.04 | 6727.8 | 1 | 2:08:51 | 88 |
| -2325 | 50023.9 | 0.04 | 6727.5 | 1 | 2:09:48 | 88 |
| -2300 | 50022.4 | 0.05 | 6727.4 | 1 | 2:10:43 | 88 |
| -2275 | 50034.5 | 0.05 | 6727.5 | 1 | 2:11:49 | 88 |
| -2250 | 50036.2 | 0.05 | 6727.6 | 1 | 2:12:39 | 88 |
| -2225 | 50045.2 | 0.05 | 6727.8 | 1 | 2:13:37 | 88 |
| -2200 | 50044.2 | 0.03 | 6727.8 | 1 | 2:14:34 | 88 |
| -2175 | 50035.7 | 0.05 | 6727.6 | 1 | 2:15:36 | 88 |
| -2150 | 50018 | 0.05 | 6727.4 | 1 | 2:16:29 | 88 |
| -2125 | 50051.3 | 0.04 | 6727.5 | 1 | 2:17:25 | 88 |
| -2100 | 50027.1 | 0.04 | 6727.8 | 1 | 2:18:25 | 88 |
| -2075 | 50024.1 | 0.03 | 6727.6 | 1 | 2:19:22 | 88 |
| -2050 | 50032.3 | 0.06 | 6727.3 | 1 | 2:20:19 | 88 |
| -2025 | 50031.1 | 0.05 | 6727.8 | 1 | 2:21:16 | 88 |
| -2000 | 50022.7 | 0.03 | 6728.1 | 1 | 2:22:12 | 88 |
| -1975 | 50026.4 | 0.04 | 6728.1 | 1 | 2:23:08 | 88 |
| -1950 | 50036.3 | 0.05 | 6728.2 | 1 | 2:24:05 | 88 |
| -1925 | 50025.7 | 0.04 | 6728.2 | 1 | 2:25:06 | 88 |
| -1900 | 50019.2 | 0.04 | 6728.0 | 1 | 2:26:02 | 88 |
| -1875 | 50037.5 | 0.04 | 6728.1 | 1 | 2:27:00 | 88 |
| -1850 | 50020.7 | 0.04 | 6728.0 | 1 | 2:28:00 | 88 |
| -1825 | 50040.4 | 0.03 | 6728.1 | 1 | 2:29:08 | 88 |
| -1800 | 50056.1 | 0.06 | 6728.1 | 1 | 2:29:56 | 88 |
| -1775 | 50041.9 | 0.04 | 6728.2 | 1 | 2:30:52 | 88 |
| -1750 | 50036.7 | 0.05 | 6728.3 | 1 | 2:31:56 | 88 |
| Line 9+2 | 5N D | ate | | 25-Jun-96 | | #188 |
| POSITIO | FIELD | ERR | | DRIFT | TIME | DS CULT |
| 1750 | 50012.5 | 0.04 | 6728.2 | 1 | 2:32:56 | 88 |
| 1775 | 50017.9 | 0.04 | 6728.0 | 1 | 2:34:17 | 88 |
| 1800 | 50027 | 0.04 | 6728.3 | 1 | 2:35:21 | 88 |
| 1825 | 50019.4 | 0.04 | 6728.5 | 1 | 2:36:17 | 88 |

| | | | | | | |
|---|---|---|---|---|---|---|
| 1850 | 50003.4 | 0.05 | 6728.3 | 1 | 2:37:22 | 88 |
| 1875 | 50020.7 | 0.04 | 6728.3 | 1 | 2:38:19 | 88 |
| 1900 | 50022.8 | 0.04 | 6728.3 | 1 | 2:39:25 | 88 |
| 1925 | 50024.6 | 0.04 | 6728.2 | 1 | 2:40:23 | 88 |
| 1950 | 50028.3 | 0.03 | 6728.2 | 1 | 2:41:30 | 88 |
| 1975 | 50012.1 | 0.04 | 6728.3 | 1 | 2:42:27 | 88 |
| 2000 | 50034.6 | 0.07 | 6728.3 | 1 | 2:43:33 | 88 |
| 2025 | 50017.9 | 0.05 | 6728.4 | 1 | 2:44:31 | 88 |
| 2050 | 50023.9 | 0.03 | 6728.5 | 1 | 2:45:38 | 88 |
| 2075 | 50014.1 | 0.04 | 6728.5 | 1 | 2:46:34 | 88 |
| 2100 | 50002.4 | 0.05 | 6728.6 | 1 | 2:47:40 | 88 |
| 2125 | 50014 | 0.03 | 6728.6 | 1 | 2:48:40 | 88 |
| 2150 | 50009.9 | 0.05 | 6728.6 | 1 | 2:49:46 | 88 |
| 2175 | 50006 | 0.05 | 6728.7 | 1 | 2:50:53 | 88 |
| 2200 | 50015.2 | 0.04 | 6728.7 | 1 | 2:51:49 | 88 |
| 2225 | 50012.9 | 0.04 | 6728.7 | 1 | 2:52:46 | 88 |
| 2250 | 50004 | 0.03 | 6728.7 | 1 | 2:53:49 | 88 |
| 2275 | 50017.4 | 0.04 | 6728.7 | 1 | 2:54:49 | 88 |
| 2300 | 50006.9 | 0.04 | 6728.8 | 1 | 2:55:53 | 88 |
| 2325 | 50003.2 | 0.05 | 6728.7 | 1 | 2:56:51 | 88 |
| 2350 | 50030.7 | 0.05 | 6728.6 | 1 | 2:57:59 | 88 |
| 2375 | 50001.7 | 0.05 | 6728.5 | 1 | 2:58:55 | 88 |
| 2400 | 49993.9 | 0.04 | 6728.6 | 1 | 3:00:01 | 88 |
| 2425 | 50014.8 | 0.19 | 6728.7 | 1 | 3:01:03 | 88 |
| 2450 | 50006.4 | 0.04 | 6728.8 | 1 | 3:02:06 | 88 |
| 2475 | 50015.4 | 0.04 | 6728.7 | 1 | 3:03:08 | 88 |
| 2500 | 50017 | 0.03 | 6728.6 | 1 | 3:04:15 | 88 |
| Line 9+5 | 0N D | ate | 25-Jun-96 | | | #219 |
| POSITIO | FIELD | ERR | DRIFT | | TIME | DS CULT |
| -2500 | 49998.3 | 0.04 | 6728.9 | 1 | 3:05:18 | 88 |
| -2475 | 50020 | 0.04 | 6728.9 | 1 | 3:06:45 | 88 |
| -2450 | 50024.4 | 0.07 | 6728.8 | 1 | 3:07:44 | 88 |
| -2425 | 50021.7 | 0.16 | 6728.9 | 1 | 3:08:41 | 88 |
| -2400 | 50010.4 | 0.04 | 6728.8 | 1 | 3:09:37 | 88 |
| -2375 | 50015 | 0.04 | 6729.0 | 1 | 3:10:32 | 88 |
| -2350 | 50009.3 | 0.06 | 6729.2 | 1 | 3:11:28 | 88 |
| -2325 | 50026.1 | 0.06 | 6729.0 | 1 | 3:12:23 | 88 |
| -2300 | 50034.9 | 0.05 | 6729.1 | 1 | 3:13:17 | 88 |
| -2275 | 50030.3 | 0.03 | 6729.5 | 1 | 3:14:12 | 88 |
| -2250 | 50036.6 | 0.04 | 6729.7 | 1 | 3:15:09 | 88 |
| -2225 | 50017.9 | 0.04 | 6729.9 | 1 | 3:16:06 | 88 |
| -2200 | 50023.8 | 0.06 | 6730.0 | 1 | 3:17:04 | 88 |
| -2175 | 50024.2 | 0.03 | 6730.0 | 1 | 3:17:59 | 88 |
| -2150 | 50026.3 | 0.05 | 6730.1 | 1 | 3:18:56 | 88 |
| -2125 | 50031.1 | 0.04 | 6730.1 | 1 | 3:19:52 | 88 |
| -2100 | 50010.5 | 0.05 | 6730.0 | 1 | 3:20:51 | 88 |
| -2075 | 50010.7 | 0.04 | 6730.1 | 1 | 3:21:47 | 88 |
| -2050 | 50024.4 | 0.04 | 6730.2 | 1 | 3:22:42 | 88 |
| -2025 | 50064.8 | 0.1 | 6730.1 | 1 | 3:23:38 | 88 |
| -2000 | 50033 | 0.05 | 6730.2 | 1 | 3:24:35 | 88 |
| -1975 | 50035 | 0.05 | 6730.2 | 1 | 3:25:29 | 88 |

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|---|---|---|---|---|---|---|
| -1950 | 50053 | 0.05 | 6730.3 | 1 | 3:26:29 | 88 |
| -1925 | 50015.5 | 0.1 | 6730.4 | 1 | 3:27:28 | 88 |
| -1900 | 50036.1 | 0.04 | 6730.6 | 1 | 3:28:26 | 88 |
| -1875 | 50059.1 | 0.05 | 6730.7 | 1 | 3:29:23 | 88 |
| -1850 | 50038.1 | 0.1 | 6731.0 | 1 | 3:30:22 | 88 |
| -1825 | 50056.2 | 0.04 | 6731.3 | 1 | 3:31:18 | 88 |
| -1800 | 50038.8 | 0.04 | 6731.3 | 1 | 3:32:21 | 88 |
| -1775 | 50045.5 | 0.04 | 6731.5 | 1 | 3:33:19 | 88 |
| -1750 | 50019.3 | 0.03 | 6731.6 | 1 | 3:34:20 | 88 |
| Line 9+7 | 5N D | ate | 25-Jun-96 | | | #250 |
| POSITIO | FIELD | ERR | DRIFT | | TIME | DS CULT |
| 1750 | 50017.8 | 0.04 | 6731.8 | 1 | 3:35:27 | 88 |
| 1775 | 50005 | 0.06 | 6731.9 | 1 | 3:36:55 | 88 |
| 1800 | 50010.9 | 0.04 | 6732.2 | 1 | 3:38:00 | 88 |
| 1825 | 50015.8 | 0.04 | 6732.2 | 1 | 3:38:57 | 88 |
| 1850 | 50015.5 | 0.08 | 6732.4 | 1 | 3:40:02 | 88 |
| 1875 | 50005.7 | 0.04 | 6732.6 | 1 | 3:41:00 | 88 |
| 1900 | 50023.7 | 0.05 | 6732.6 | 1 | 3:42:11 | 88 |
| 1925 | 50011.6 | 0.04 | 6732.6 | 1 | 3:43:12 | 88 |
| 1950 | 50020.1 | 0.07 | 6732.5 | 1 | 3:44:19 | 88 |
| 1975 | 50007.8 | 0.04 | 6732.6 | 1 | 3:45:17 | 88 |
| 2000 | 50021.3 | 0.06 | 6732.6 | 1 | 3:46:25 | 88 |
| 2025 | 50003.1 | 0.05 | 6732.9 | 1 | 3:47:25 | 88 |
| 2050 | 50015.6 | 0.06 | 6733.1 | 1 | 3:48:36 | 88 |
| 2075 | 50005.3 | 0.03 | 6733.1 | 1 | 3:49:35 | 88 |
| 2100 | 50009.4 | 0.04 | 6733.2 | 1 | 3:50:47 | 88 |
| 2125 | 50008.5 | 0.04 | 6733.1 | 1 | 3:51:52 | 88 |
| 2150 | 50022.1 | 0.04 | 6733.0 | 1 | 3:53:05 | 88 |
| 2175 | 50021.6 | 0.04 | 6733.0 | 1 | 3:54:03 | 88 |
| 2200 | 49992.6 | 0.04 | 6733.1 | 1 | 3:55:09 | 88 |
| 2225 | 50017.5 | 0.04 | 6733.2 | 1 | 3:56:16 | 88 |
| 2250 | 50026.4 | 0.04 | 6732.9 | 1 | 3:57:11 | 88 |
| 2275 | 50012.9 | 0.04 | 6732.8 | 1 | 3:58:10 | 88 |
| 2300 | 50015.5 | 0.04 | 6732.7 | 1 | 3:59:14 | 88 |
| 2325 | 50010.3 | 0.04 | 6732.7 | 1 | 4:00:13 | 88 |
| 2350 | 50001 | 0.04 | 6732.7 | 1 | 4:01:19 | 88 |
| 2375 | 50002.7 | 0.05 | 6732.9 | 1 | 4:02:16 | 88 |
| 2400 | 50006.9 | 0.04 | 6732.9 | 1 | 4:03:23 | 88 |
| 2425 | 50013.3 | 0.06 | 6732.8 | 1 | 4:04:22 | 88 |
| 2450 | 50005.5 | 0.04 | 6732.9 | 1 | 4:05:31 | 88 |
| 2475 | 50009.5 | 0.05 | 6733.2 | 1 | 4:06:32 | 88 |
| 2500 | 50004.5 | 0.04 | 6733.3 | 1 | 4:07:41 | 88 |
| Line 10+0 | 0N D | ate | 25-Jun-96 | | | #281 |
| POSITIO | FIELD | ERR | DRIFT | | TIME | DS CULT |
| -2500 | 50001.6 | 0.04 | 6733.4 | 1 | 4:08:37 | 88 |
| -2475 | 50003.6 | 0.04 | 6733.4 | 1 | 4:09:56 | 88 |
| -2450 | 50011.1 | 0.04 | 6733.7 | 1 | 4:10:56 | 88 |
| -2425 | 50028.5 | 0.04 | 6733.9 | 1 | 4:11:50 | 88 |
| -2400 | 50030.7 | 0.05 | 6734.1 | 1 | 4:12:47 | 88 |
| -2375 | 50008.5 | 0.04 | 6734.2 | 1 | 4:13:46 | 88 |
| -2350 | 50017.4 | 0.04 | 6734.2 | 1 | 4:14:43 | 88 |

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|---|---|---|---|---|---|---|
| -2325 | 50014.4 | 0.04 | 6734.4 | 1 | 4:15:40 | 88 |
| -2300 | 50003.4 | 0.04 | 6734.6 | 1 | 4:16:36 | 88 |
| -2275 | 50020.9 | 0.13 | 6734.9 | 1 | 4:17:30 | 88 |
| -2250 | 50028.7 | 0.03 | 6735.3 | 1 | 4:18:30 | 88 |
| -2225 | 50018.7 | 0.04 | 6735.5 | 1 | 4:19:27 | 88 |
| -2200 | 50020.4 | 0.04 | 6735.4 | 1 | 4:20:29 | 88 |
| -2175 | 50013.9 | 0.04 | 6735.5 | 1 | 4:21:25 | 88 |
| -2150 | 50035.1 | 0.04 | 6735.6 | 1 | 4:22:24 | 88 |
| -2125 | 50030 | 0.03 | 6735.7 | 1 | 4:23:22 | 88 |
| -2100 | 50029.3 | 0.03 | 6735.9 | 1 | 4:24:21 | 88 |
| -2075 | 50011.9 | 0.04 | 6736.1 | 1 | 4:25:18 | 88 |
| -2050 | 50025.6 | 0.04 | 6736.3 | 1 | 4:26:18 | 88 |
| -2025 | 50010.3 | 0.06 | 6736.5 | 1 | 4:27:15 | 88 |
| -2000 | 50018.1 | 0.03 | 6736.8 | 1 | 4:28:14 | 88 |
| -1975 | 50030 | 0.05 | 6737.1 | 1 | 4:29:10 | 88 |
| -1950 | 50025.7 | 0.06 | 6737.2 | 1 | 4:30:09 | 88 |
| -1925 | 50044.7 | 0.04 | 6737.3 | 1 | 4:31:08 | 88 |
| -1900 | 50022.3 | 0.04 | 6737.5 | 1 | 4:32:07 | 88 |
| -1875 | 50005.4 | 0.04 | 6738.2 | 1 | 4:33:07 | 88 |
| -1850 | 50024.5 | 0.04 | 6738.7 | 1 | 4:34:07 | 88 |
| -1825 | 50011.7 | 0.04 | 6739.4 | 1 | 4:35:05 | 88 |
| -1800 | 50017 | 0.03 | 6740.3 | 1 | 4:36:03 | 88 |
| Line 10+2 | 5N D | ate | 25-Jun-96 | | #310 | |
| POSITIO | FIELD | ERR | DRIFT | | TIME | DS CULT |
| 1800 | 49996.2 | 0.04 | 6741.2 | 1 | 4:37:12 | 88 |
| 1825 | 50017.6 | 0.04 | 6742.2 | 1 | 4:39:02 | 88 |
| 1850 | 50035.8 | 0.03 | 6742.1 | 1 | 4:40:07 | 88 |
| 1875 | 50001 | 0.05 | 6741.4 | 1 | 4:41:06 | 88 |
| 1900 | 50015.2 | 0.04 | 6740.7 | 1 | 4:42:16 | 88 |
| 1925 | 50012 | 0.04 | 6740.3 | 1 | 4:43:20 | 88 |
| 1950 | 50011 | 0.04 | 6740.0 | 1 | 4:44:27 | 88 |
| 1975 | 50007.3 | 0.04 | 6739.5 | 1 | 4:45:28 | 88 |
| 2000 | 50021.7 | 0.03 | 6739.0 | 1 | 4:46:38 | 88 |
| 2025 | 50022.4 | 0.04 | 6738.6 | 1 | 4:47:43 | 88 |
| 2050 | 50007.3 | 0.04 | 6737.9 | 1 | 4:48:49 | 88 |
| 2075 | 50015.1 | 0.05 | 6737.5 | 1 | 4:50:06 | 88 |
| 2100 | 50023.8 | 0.03 | 6737.3 | 1 | 4:51:16 | 88 |
| 2125 | 50006 | 0.05 | 6737.2 | 1 | 4:52:19 | 88 |
| 2150 | 50021.2 | 0.03 | 6737.1 | 1 | 4:53:26 | 88 |
| 2175 | 50007.9 | 0.04 | 6736.8 | 1 | 4:54:29 | 88 |
| 2200 | 50010.8 | 0.04 | 6736.7 | 1 | 4:55:36 | 88 |
| 2225 | 50024.8 | 0.03 | 6736.9 | 1 | 4:56:35 | 88 |
| 2250 | 50003.3 | 0.09 | 6737.4 | 1 | 4:57:44 | 88 |
| 2275 | 50012.3 | 0.04 | 6737.7 | 1 | 4:58:51 | 88 |
| 2300 | 50002 | 0.04 | 6737.6 | 1 | 5:00:00 | 88 |
| 2325 | 49994.3 | 0.04 | 6737.2 | 1 | 5:01:03 | 88 |
| 2350 | 49992.1 | 0.05 | 6737.0 | 1 | 5:02:11 | 88 |
| 2375 | 50003.7 | 0.04 | 6736.5 | 1 | 5:03:11 | 88 |
| 2400 | 50023.9 | 0.04 | 6736.5 | 1 | 5:04:21 | 88 |
| 2425 | 50003.2 | 0.04 | 6736.5 | 1 | 5:05:21 | 88 |
| 2450 | 50002.3 | 0.04 | 6736.7 | 1 | 5:06:30 | 88 |

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|---|---|---|---|---|---|---|
| 2475 | 49994.9 | 0.04 | 6736.7 | 1 | 5:07:29 | 88 |
| 2500 | 50017.8 | 0.04 | 6736.9 | 1 | 5:08:41 | 88 |
| Line 10+5 | 0N D | ate | 25-Jun-96 | | | #339 |
| POSITIO | FIELD | ERR | DRIFT | | TIME | DS CULT |
| -2500 | 49995.6 | 0.04 | 6737.5 | 1 | 5:09:48 | 88 |
| -2475 | 50014.2 | 0.06 | 6738.4 | 1 | 5:11:09 | 88 |
| -2450 | 50021.4 | 0.04 | 6739.0 | 1 | 5:12:11 | 88 |
| -2425 | 50018.9 | 0.05 | 6739.5 | 1 | 5:13:09 | 88 |
| -2400 | 50050.1 | 0.04 | 6739.9 | 1 | 5:14:07 | 88 |
| -2375 | 50024.8 | 0.04 | 6739.7 | 1 | 5:15:06 | 88 |
| -2350 | 50010 | 0.04 | 6739.5 | 1 | 5:16:05 | 88 |
| -2325 | 50024.4 | 0.07 | 6739.3 | 1 | 5:17:02 | 88 |
| -2300 | 50032.4 | 0.04 | 6739.2 | 1 | 5:18:02 | 88 |
| -2275 | 50031.2 | 0.05 | 6739.0 | 1 | 5:19:01 | 88 |
| -2250 | 50026.5 | 0.03 | 6738.7 | 1 | 5:19:56 | 88 |
| -2225 | 50032.2 | 0.04 | 6738.2 | 1 | 5:20:52 | 88 |
| -2200 | 50025.9 | 0.04 | 6737.8 | 1 | 5:21:49 | 88 |
| -2175 | 50043.8 | 0.04 | 6737.6 | 1 | 5:22:46 | 88 |
| -2150 | 50034.2 | 0.04 | 6737.3 | 1 | 5:23:43 | 88 |
| -2125 | 50022.9 | 0.03 | 6737.2 | 1 | 5:24:41 | 88 |
| -2100 | 50013.3 | 0.04 | 6737.2 | 1 | 5:25:45 | 88 |
| -2075 | 50024.3 | 0.04 | 6737.1 | 1 | 5:26:43 | 88 |
| -2050 | 50012.6 | 0.06 | 6736.6 | 1 | 5:27:42 | 88 |
| -2025 | 50020.5 | 0.04 | 6736.2 | 1 | 5:28:43 | 88 |
| -2000 | 50017.4 | 0.04 | 6735.9 | 1 | 5:29:39 | 88 |
| -1975 | 50029.7 | 0.08 | 6735.5 | 1 | 5:30:37 | 88 |
| -1950 | 50014.6 | 0.04 | 6735.0 | 1 | 5:31:37 | 88 |
| -1925 | 50032.4 | 0.05 | 6734.4 | 1 | 5:32:34 | 88 |
| -1900 | 50057.1 | 0.25 | 6733.7 | 1 | 5:33:35 | 88 |
| -1875 | 50041.4 | 0.06 | 6733.2 | 1 | 5:34:30 | 88 |
| -1850 | 50038.8 | 0.04 | 6733.0 | 1 | 5:35:31 | 88 |
| -1825 | 50012.7 | 0.04 | 6733.1 | 1 | 5:36:30 | 88 |
| -1800 | 50007.5 | 0.04 | 6733.2 | 1 | 5:37:30 | 88 |
| Line 10+7 | 5N D | ate | 25-Jun-96 | | | #368 |
| POSITIO | FIELD | ERR | DRIFT | | TIME | DS CULT |
| 1800 | 50006.4 | 0.04 | 6733.1 | 1 | 5:38:39 | 88 |
| 1825 | 50016.5 | 0.03 | 6733.0 | 1 | 5:39:54 | 88 |
| 1850 | 50002.9 | 0.04 | 6732.8 | 1 | 5:41:04 | 88 |
| 1875 | 50004.7 | 0.04 | 6732.9 | 1 | 5:42:02 | 88 |
| 1900 | 49997.5 | 0.04 | 6733.1 | 1 | 5:43:13 | 88 |
| 1925 | 50017.4 | 0.03 | 6733.3 | 1 | 5:44:12 | 88 |
| 1950 | 50019.4 | 0.05 | 6733.5 | 1 | 5:45:23 | 88 |
| 1975 | 50012.5 | 0.04 | 6733.7 | 1 | 5:46:21 | 88 |
| 2000 | 50019.9 | 0.05 | 6733.6 | 1 | 5:47:33 | 88 |

| Line 10+7 | 5N | D | ate | 28-Jun-96 | | #1 |
|---|---|---|---|---|---|---|
| POSITIO | FIELD | | ERR | DRIFT | TIME | DS CULT |
| 2000 | 50051 | | 0.05 | 6739.8 | 9:14:02 | 88 |
| 2025 | 50003.5 | | 0.05 | 6739.9 | 9:15:56 | 88 |
| 2050 | 50007.4 | | 0.04 | 6740.2 | 9:17:02 | 88 |
| 2075 | 50004.4 | | 0.04 | 6740.3 | 9:18:19 | 88 |
| 2100 | 50003.9 | | 0.05 | 6740.1 | 9:19:39 | 88 |
| 2125 | 50004.2 | | 0.04 | 6740.3 | 9:20:38 | 88 |
| 2150 | 50009.9 | | 0.05 | 6740.4 | 9:21:40 | 88 |
| 2175 | 49992.1 | | 0.04 | 6740.7 | 9:23:04 | 88 |
| 2200 | 50018.7 | | 0.04 | 6740.6 | 9:23:59 | 88 |
| 2225 | 50007.1 | | 0.04 | 6740.5 | 9:24:55 | 88 |
| 2250 | 50014.1 | | 0.05 | 6740.6 | 9:25:58 | 88 |
| 2275 | 50017.6 | | 0.04 | 6740.5 | 9:26:55 | 88 |
| 2300 | 50000.8 | | 0.04 | 6740.5 | 9:27:55 | 88 |
| 2325 | 49995.5 | | 0.05 | 6740.4 | 9:28:57 | 88 |
| 2350 | 50009.6 | | 0.04 | 6740.3 | 9:29:53 | 88 |
| 2375 | 50013.6 | | 0.05 | 6740.3 | 9:30:49 | 88 |
| 2400 | 50010.3 | | 0.04 | 6740.3 | 9:31:52 | 88 |
| 2425 | 50030.5 | | 0.05 | 6740.2 | 9:32:52 | 88 |
| 2450 | 50028.4 | | 0.04 | 6740.3 | 9:33:54 | 88 |
| 2475 | 50005.6 | | 0.04 | 6740.2 | 9:34:53 | 88 |
| 2500 | 50001.5 | | 0.05 | 6739.9 | 9:35:57 | 88 |
| Line 11+0 | 0N | D | ate | 28-Jun-96 | | #22 |
| POSITIO | FIELD | | ERR | DRIFT | TIME | DS CULT |
| -2500 | 50012.6 | | 0.04 | 6739.3 | 9:41:28 | 88 |
| -2475 | 50020.7 | | 0.15 | 6738.9 | 9:43:15 | 88 |
| -2450 | 50006.9 | | 0.04 | 6738.7 | 9:44:18 | 88 |
| -2425 | 50029.7 | | 0.04 | 6738.6 | 9:45:24 | 88 |
| -2400 | 50063.3 | | 1 | 6738.6 | 9:46:17 | 88 |
| -2375 | 50014.2 | | 0.04 | 6738.7 | 9:47:14 | 88 |
| -2350 | 50009.8 | | 0.06 | 6738.5 | 9:48:11 | 88 |
| -2325 | 50018.2 | | 0.07 | 6738.2 | 9:49:11 | 88 |
| -2300 | 50017.2 | | 0.04 | 6738.2 | 9:50:06 | 88 |
| -2275 | 50017.5 | | 0.03 | 6737.9 | 9:51:02 | 88 |
| -2250 | 50017.5 | | 0.04 | 6737.7 | 9:51:56 | 88 |
| -2225 | 50029.6 | | 0.04 | 6737.6 | 9:52:51 | 88 |
| -2200 | 50007.6 | | 0.06 | 6737.6 | 9:54:18 | 88 |
| -2175 | 50017.5 | | 0.04 | 6737.2 | 9:55:15 | 88 |
| -2150 | 50039.8 | | 0.05 | 6736.7 | 9:56:12 | 88 |
| -2125 | 50023.6 | | 0.05 | 6736.3 | 9:57:10 | 88 |
| -2100 | 50026.2 | | 0.04 | 6736.1 | 9:58:07 | 88 |
| -2075 | 50023.3 | | 0.04 | 6735.9 | 9:59:03 | 88 |
| -2050 | 50017.1 | | 0.04 | 6735.9 | 9:59:59 | 88 |
| -2025 | 50021.6 | | 0.19 | 6735.7 | 1 0:00:57 | 88 |
| -2000 | 50012.4 | | 0.04 | 6735.6 | 1 0:01:53 | 88 |
| -1975 | 50020.1 | | 0.04 | 6735.1 | 1 0:03:00 | 88 |
| -1950 | 50017.9 | | 0.04 | 6735.1 | 1 0:03:54 | 88 |
| -1925 | 50027 | | 0.04 | 6735.1 | 1 0:04:49 | 88 |
| -1900 | 50006.8 | | 0.04 | 6735.1 | 1 0:05:47 | 88 |
| -1875 | 50028.7 | | 0.04 | 6735.0 | 1 0:06:46 | 88 |

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|---|---|---|---|---|---|---|---|
| -1850 | 50016 | | 0.04 | 6734.7 | 1 | 0:07:41 | 88 |
| -1825 | 50019.5 | | 0.05 | 6734.5 | 1 | 0:08:36 | 88 |
| -1800 | 50014.5 | | 0.04 | 6734.3 | 1 | 0:09:31 | 88 |
| Line 11+2 | 5N | D | ate | | 28-Jun-96 | | #51 |
| POSITIO | FIELD | | ERR | | DRIFT | TIME | DS CULT |
| 1800 | 49990.4 | | 0.04 | 6734.2 | 1 | 0:10:39 | 88 |
| 1825 | 50003.1 | | 0.04 | 6733.9 | 1 | 0:12:03 | 88 |
| 1850 | 50003.9 | | 0.06 | 6733.9 | 1 | 0:13:04 | 88 |
| 1875 | 50007 | | 0.04 | 6734.1 | 1 | 0:13:59 | 88 |
| 1900 | 50008.4 | | 0.05 | 6734.1 | 1 | 0:15:03 | 88 |
| 1925 | 50009.8 | | 0.09 | 6734.1 | 1 | 0:15:59 | 88 |
| 1950 | 50015.6 | | 0.04 | 6734.1 | 1 | 0:17:02 | 88 |
| 1975 | 50004.2 | | 0.06 | 6734.0 | 1 | 0:18:06 | 88 |
| 2000 | 49996.3 | | 0.05 | 6734.0 | 1 | 0:19:11 | 88 |
| 2025 | 50011.5 | | 0.04 | 6733.7 | 1 | 0:20:09 | 88 |
| 2050 | 50012.1 | | 0.06 | 6733.6 | 1 | 0:21:15 | 88 |
| 2075 | 50007.3 | | 0.05 | 6733.2 | 1 | 0:22:12 | 88 |
| 2100 | 50009.4 | | 0.04 | 6733.0 | 1 | 0:23:15 | 88 |
| 2125 | 50020 | | 0.04 | 6732.6 | 1 | 0:24:09 | 88 |
| 2150 | 50001.3 | | 0.04 | 6732.2 | 1 | 0:25:16 | 88 |
| 2175 | 50008.5 | | 0.04 | 6732.2 | 1 | 0:26:14 | 88 |
| 2200 | 50021.2 | | 0.04 | 6731.9 | 1 | 0:27:22 | 88 |
| 2225 | 50013.5 | | 0.04 | 6731.8 | 1 | 0:28:18 | 88 |
| 2250 | 50005.7 | | 0.07 | 6731.8 | 1 | 0:29:19 | 88 |
| 2275 | 50003.3 | | 0.05 | 6731.6 | 1 | 0:30:15 | 88 |
| 2300 | 50002.4 | | 0.08 | 6731.5 | 1 | 0:31:17 | 88 |
| 2325 | 50011.2 | | 0.05 | 6731.6 | 1 | 0:32:14 | 88 |
| 2350 | 50004.5 | | 0.07 | 6731.5 | 1 | 0:33:18 | 88 |
| 2375 | 50006.3 | | 0.06 | 6731.5 | 1 | 0:34:23 | 88 |
| 2400 | 50010.5 | | 0.04 | 6731.4 | 1 | 0:35:31 | 88 |
| 2425 | 50025.7 | | 0.04 | 6731.1 | 1 | 0:36:30 | 88 |
| 2450 | 50006.6 | | 0.16 | 6730.9 | 1 | 0:37:34 | 88 |
| 2475 | 50010.9 | | 0.04 | 6730.6 | 1 | 0:38:55 | 88 |
| 2500 | 49996.8 | | 0.05 | 6730.0 | 1 | 0:40:38 | 88 |
| Line 11+5 | 0N | D | ate | | 28-Jun-96 | | #80 |
| POSITIO | FIELD | | ERR | | DRIFT | TIME | DS CULT |
| -2500 | 50008.4 | | 0.06 | 6729.3 | 1 | 0:41:41 | 88 |
| -2475 | 49974.1 | | 0.04 | 6728.9 | 1 | 0:43:00 | 88 |
| -2450 | 50019.1 | | 0.04 | 6728.7 | 1 | 0:44:53 | 88 |
| -2425 | 50017.1 | | 0.15 | 6728.5 | 1 | 0:46:03 | 88 |
| -2400 | 50026.5 | | 0.04 | 6728.2 | 1 | 0:47:00 | 88 |
| -2375 | 50032.9 | | 0.04 | 6727.9 | 1 | 0:48:09 | 88 |
| -2350 | 50004 | | 0.04 | 6727.7 | 1 | 0:49:05 | 88 |
| -2325 | 50015.6 | | 0.05 | 6727.7 | 1 | 0:49:59 | 88 |
| -2300 | 50006.7 | | 0.04 | 6727.7 | 1 | 0:50:56 | 88 |
| -2275 | 50025.9 | | 0.04 | 6727.8 | 1 | 0:51:49 | 88 |
| -2250 | 49999.6 | | 0.05 | 6727.7 | 1 | 0:52:44 | 88 |
| -2225 | 50024.8 | | 0.97 | 6727.5 | 1 | 0:53:36 | 88 |
| -2200 | 50002.3 | | 0.04 | 6727.4 | 1 | 0:54:35 | 88 |
| -2175 | 50009.1 | | 0.05 | 6727.2 | 1 | 0:55:28 | 88 |
| -2150 | 50008.1 | | 0.06 | 6726.9 | 1 | 0:56:23 | 88 |

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|---|---|---|---|---|---|---|
| -2125 | 50019.1 | 0.04 | 6726.6 | 1 | 0:57:16 | 88 |
| -2100 | 50024.5 | 0.04 | 6726.6 | 1 | 0:58:14 | 88 |
| -2075 | 50012.1 | 0.09 | 6726.4 | 1 | 0:59:06 | 88 |
| -2050 | 49991.9 | 0.08 | 6726.2 | 1 | 1:00:03 | 88 |
| -2025 | 50015.7 | 0.04 | 6725.8 | 1 | 1:00:57 | 88 |
| -2000 | 50018.8 | 0.06 | 6725.5 | 1 | 1:01:52 | 88 |
| -1975 | 50021.7 | 0.12 | 6725.4 | 1 | 1:02:44 | 88 |
| -1950 | 50009.9 | 0.1 | 6725.2 | 1 | 1:03:42 | 88 |
| -1925 | 50005.4 | 0.04 | 6725.0 | 1 | 1:04:38 | 88 |
| -1900 | 49996.9 | 0.07 | 6725.1 | 1 | 1:05:33 | 88 |
| -1875 | 50007.8 | 0.04 | 6724.9 | 1 | 1:06:28 | 88 |
| -1850 | 49986.3 | 0.05 | 6724.6 | 1 | 1:07:23 | 88 |
| -1825 | 50000.5 | 0.04 | 6724.4 | 1 | 1:08:20 | 88 |
| -1800 | 49998.8 | 0.06 | 6724.2 | 1 | 1:09:17 | 88 |
| Line 11+7 | 5N D | ate | | 28-Jun-96 | | #109 |
| POSITIO | FIELD | ERR | | DRIFT | TIME | DS CULT |
| 1800 | 50001.9 | 0.04 | 6724.2 | 1 | 1:10:19 | 88 |
| 1825 | 50009.4 | 0.04 | 6724.1 | 1 | 1:11:30 | 88 |
| 1850 | 50002.1 | 0.05 | 6723.9 | 1 | 1:12:31 | 88 |
| 1875 | 50001.3 | 0.04 | 6723.9 | 1 | 1:13:28 | 88 |
| 1900 | 50008.4 | 0.05 | 6723.6 | 1 | 1:14:34 | 88 |
| 1925 | 50002 | 0.04 | 6723.4 | 1 | 1:15:34 | 88 |
| 1950 | 50015.8 | 0.05 | 6723.6 | 1 | 1:16:40 | 88 |
| 1975 | 49995.9 | 0.05 | 6723.7 | 1 | 1:17:38 | 88 |
| 2000 | 50007.2 | 0.05 | 6723.7 | 1 | 1:18:42 | 88 |
| 2025 | 49991.6 | 0.05 | 6723.7 | 1 | 1:19:38 | 88 |
| 2050 | 50002.1 | 0.04 | 6723.2 | 1 | 1:20:43 | 88 |
| 2075 | 50003.7 | 0.05 | 6722.9 | 1 | 1:21:39 | 88 |
| 2100 | 50011 | 0.05 | 6723.0 | 1 | 1:22:39 | 88 |
| 2125 | 50010 | 0.06 | 6723.2 | 1 | 1:23:40 | 88 |
| 2150 | 50003.1 | 0.05 | 6723.2 | 1 | 1:24:42 | 88 |
| 2175 | 50011.8 | 0.04 | 6723.0 | 1 | 1:25:39 | 88 |
| 2200 | 50008.5 | 0.05 | 6722.7 | 1 | 1:26:43 | 88 |
| 2225 | 50017.7 | 0.08 | 6722.6 | 1 | 1:27:44 | 88 |
| 2250 | 50003.2 | 0.04 | 6722.4 | 1 | 1:28:49 | 88 |
| 2275 | 50008.7 | 0.04 | 6722.4 | 1 | 1:29:47 | 88 |
| 2300 | 49998.6 | 0.05 | 6722.6 | 1 | 1:30:47 | 88 |
| 2325 | 50006 | 0.08 | 6722.7 | 1 | 1:31:45 | 88 |
| 2350 | 49998.2 | 0.06 | 6722.8 | 1 | 1:32:48 | 88 |
| 2375 | 50008.9 | 0.06 | 6722.9 | 1 | 1:33:45 | 88 |
| 2400 | 49997 | 0.04 | 6723.0 | 1 | 1:34:47 | 88 |
| 2425 | 50011.1 | 0.05 | 6723.1 | 1 | 1:35:44 | 88 |
| 2450 | 50002.7 | 0.04 | 6723.2 | 1 | 1:36:51 | 88 |
| 2475 | 50016.4 | 0.1 | 6722.9 | 1 | 1:37:49 | 88 |
| 2500 | 49989.2 | 0.04 | 6722.4 | 1 | 1:38:59 | 88 |
| Line 12+0 | 0N D | ate | | 28-Jun-96 | | #138 |
| POSITIO | FIELD | ERR | | DRIFT | TIME | DS CULT |
| -2500 | 49983.8 | 0.04 | 6722.0 | 1 | 1:40:01 | 88 |
| -2475 | 50014.2 | 0.09 | 6721.7 | 1 | 1:41:08 | 88 |
| -2450 | 49995.9 | 0.04 | 6721.3 | 1 | 1:42:05 | 88 |
| -2425 | 50005.2 | 0.04 | 6721.3 | 1 | 1:43:02 | 88 |

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|---|---|---|---|---|---|---|
| -2400 | 49999.4 | 0.04 | 6721.5 | 1 | 1:43:59 | 88 |
| -2375 | 50008.7 | 0.04 | 6721.6 | 1 | 1:44:52 | 88 |
| -2350 | 49980.9 | 0.04 | 6721.4 | 1 | 1:45:47 | 88 |
| -2325 | 50007.9 | 0.04 | 6721.3 | 1 | 1:46:40 | 88 |
| -2300 | 49990.3 | 0.05 | 6721.4 | 1 | 1:47:36 | 88 |
| -2275 | 49999.5 | 0.04 | 6721.4 | 1 | 1:48:36 | 88 |
| -2250 | 49994.5 | 0.04 | 6721.4 | 1 | 1:49:26 | 88 |
| -2225 | 50014.2 | 0.04 | 6721.5 | 1 | 1:50:21 | 88 |
| -2200 | 49999 | 0.04 | 6721.4 | 1 | 1:51:15 | 88 |
| -2175 | 50010.8 | 0.04 | 6721.3 | 1 | 1:52:10 | 88 |
| -2150 | 50006.9 | 0.04 | 6721.3 | 1 | 1:53:07 | 88 |
| -2125 | 50010.1 | 0.06 | 6721.3 | 1 | 1:54:02 | 88 |
| -2100 | 49997.6 | 0.04 | 6721.2 | 1 | 1:54:59 | 88 |
| -2075 | 50006 | 0.04 | 6721.1 | 1 | 1:55:54 | 88 |
| -2050 | 50005.1 | 0.05 | 6721.3 | 1 | 1:56:49 | 88 |
| -2025 | 50013.7 | 0.05 | 6721.3 | 1 | 1:57:44 | 88 |
| -2000 | 49991 | 0.12 | 6721.2 | 1 | 1:58:41 | 88 |
| -1975 | 50010.4 | 0.04 | 6721.3 | 1 | 1:59:37 | 88 |
| -1950 | 50024.7 | 0.04 | 6721.4 | 1 | 2:00:34 | 88 |
| -1925 | 50015.4 | 0.04 | 6721.4 | 1 | 2:01:31 | 88 |
| -1900 | 49994.9 | 0.04 | 6721.3 | 1 | 2:02:31 | 88 |
| -1875 | 50010.1 | 0.04 | 6721.3 | 1 | 2:03:27 | 88 |
| -1850 | 49981.8 | 0.04 | 6721.2 | 1 | 2:04:22 | 88 |
| -1825 | 49993.7 | 0.04 | 6721.3 | 1 | 2:05:18 | 88 |
| -1800 | 49986.4 | 0.04 | 6721.2 | 1 | 2:06:10 | 88 |

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|---|---|---|---|---|---|---|
| Line 12+2 | 5N | D | ate | | 28-Jun-96 | #167 |
| POSITIO | FIELD | | ERR | | DRIFT | TIME | DS CULT |
| 1800 | 49989.3 | 0.04 | 6721.2 | 1 | 2:07:13 | 88 |
| 1825 | 49992 | 0.04 | 6721.1 | 1 | 2:08:24 | 88 |
| 1850 | 49982.8 | 0.04 | 6720.9 | 1 | 2:09:28 | 88 |
| 1875 | 50006.3 | 0.05 | 6720.6 | 1 | 2:10:24 | 88 |
| 1900 | 50001.9 | 0.04 | 6720.4 | 1 | 2:11:29 | 88 |
| 1925 | 50002.1 | 0.05 | 6720.3 | 1 | 2:12:24 | 88 |
| 1950 | 49997.8 | 0.06 | 6720.3 | 1 | 2:13:31 | 88 |
| 1975 | 49990.3 | 0.04 | 6720.2 | 1 | 2:14:27 | 88 |
| 2000 | 49998.3 | 0.04 | 6720.0 | 1 | 2:15:32 | 88 |
| 2025 | 49990.1 | 0.04 | 6719.9 | 1 | 2:16:29 | 88 |
| 2050 | 50001 | 0.04 | 6720.1 | 1 | 2:17:35 | 88 |
| 2075 | 50031.2 | 0.11 | 6720.3 | 1 | 2:18:35 | 88 |
| 2100 | 49993.8 | 0.06 | 6720.1 | 1 | 2:19:38 | 88 |
| 2125 | 49999.5 | 0.04 | 6720.0 | 1 | 2:20:32 | 88 |
| 2150 | 50002.8 | 0.05 | 6720.1 | 1 | 2:21:38 | 88 |
| 2175 | 49988.6 | 0.04 | 6720.0 | 1 | 2:22:36 | 88 |
| 2200 | 50009.4 | 0.04 | 6720.0 | 1 | 2:23:39 | 88 |
| 2225 | 50007.8 | 0.05 | 6720.0 | 1 | 2:24:42 | 88 |
| 2250 | 49999.9 | 0.04 | 6720.0 | 1 | 2:25:37 | 88 |
| 2275 | 50006.2 | 0.04 | 6720.1 | 1 | 2:26:33 | 88 |
| 2300 | 50009 | 0.08 | 6720.2 | 1 | 2:27:42 | 88 |
| 2325 | 50003.7 | 0.04 | 6720.0 | 1 | 2:28:38 | 88 |
| 2350 | 50089.6 | 1.5 | 6720.0 | 1 | 2:29:42 | 88 |
| 2375 | 50011.8 | 0.04 | 6720.1 | 1 | 2:30:40 | 88 |

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|---|---|---|---|---|---|---|
| 2400 | 49992.4 | 0.06 | 6720.0 | 1 | 2:31:45 | 88 |
| 2425 | 50009.6 | 0.05 | 6719.9 | 1 | 2:32:52 | 88 |
| 2450 | 50006.3 | 0.07 | 6719.8 | 1 | 2:33:56 | 88 |
| 2475 | 50000.5 | 0.04 | 6719.9 | 1 | 2:34:50 | 88 |
| 2500 | 49998 | 0.04 | 6720.3 | 1 | 2:35:56 | 88 |
| Line 12+5 | 0N D | ate | 28-Jun-96 | | #196 | |
| POSITIO | FIELD | ERR | DRIFT | | TIME | DS CULT |
| -2500 | 49995 | 0.04 | 6720.5 | 1 | 2:37:00 | 88 |
| -2475 | 50004.3 | 0.04 | 6721.0 | 1 | 2:38:40 | 88 |
| -2450 | 50010 | 0.04 | 6721.1 | 1 | 2:39:29 | 88 |
| -2425 | 50024.6 | 0.04 | 6721.3 | 1 | 2:40:24 | 88 |
| -2400 | 49997.4 | 0.04 | 6721.6 | 1 | 2:41:18 | 88 |
| -2375 | 50021.7 | 0.05 | 6721.8 | 1 | 2:42:12 | 88 |
| -2350 | 50003.4 | 0.05 | 6721.8 | 1 | 2:43:07 | 88 |
| -2325 | 50007.6 | 0.04 | 6722.1 | 1 | 2:44:04 | 88 |
| -2300 | 49992.6 | 0.04 | 6722.1 | 1 | 2:44:56 | 88 |
| -2275 | 50009.4 | 0.05 | 6722.6 | 1 | 2:45:50 | 88 |
| -2250 | 50008.2 | 0.05 | 6723.6 | 1 | 2:46:44 | 88 |
| -2225 | 50018.1 | 0.04 | 6724.0 | 1 | 2:47:41 | 88 |
| -2200 | 50001.1 | 0.05 | 6723.7 | 1 | 2:48:36 | 88 |
| -2175 | 50013.7 | 0.06 | 6723.4 | 1 | 2:49:31 | 88 |
| -2150 | 49988.8 | 0.04 | 6723.4 | 1 | 2:50:26 | 88 |
| -2125 | 50002.7 | 0.04 | 6723.1 | 1 | 2:51:21 | 88 |
| -2100 | 49994.6 | 0.04 | 6722.8 | 1 | 2:52:16 | 88 |
| -2075 | 50001.2 | 0.04 | 6723.1 | 1 | 2:53:10 | 88 |
| -2050 | 50007.2 | 0.07 | 6722.9 | 1 | 2:54:07 | 88 |
| -2025 | 50001.7 | 0.04 | 6722.9 | 1 | 2:55:12 | 88 |
| -2000 | 50000.7 | 0.05 | 6722.7 | 1 | 2:56:08 | 88 |
| -1975 | 50007.9 | 0.04 | 6722.9 | 1 | 2:57:03 | 88 |
| -1950 | 50009.8 | 0.04 | 6723.0 | 1 | 2:58:00 | 88 |
| -1925 | 50015.8 | 0.07 | 6723.1 | 1 | 2:58:55 | 88 |
| -1900 | 49985.5 | 0.04 | 6723.1 | 1 | 2:59:52 | 88 |
| -1875 | 50003 | 0.04 | 6723.0 | 1 | 3:00:48 | 88 |
| -1850 | 49992.7 | 0.04 | 6723.0 | 1 | 3:01:43 | 88 |
| -1825 | 49996.3 | 0.04 | 6723.0 | 1 | 3:02:36 | 88 |
| -1800 | 49983.3 | 0.05 | 6722.8 | 1 | 3:03:32 | 88 |
| Line 12+7 | 5N D | ate | 28-Jun-96 | | #225 | |
| POSITIO | FIELD | ERR | DRIFT | | TIME | DS CULT |
| 1800 | 49991.4 | 0.04 | 6722.8 | 1 | 3:04:33 | 88 |
| 1825 | 49986.1 | 0.05 | 6722.9 | 1 | 3:05:46 | 88 |
| 1850 | 49988.3 | 0.05 | 6723.0 | 1 | 3:06:55 | 88 |
| 1875 | 49980.5 | 0.04 | 6723.1 | 1 | 3:07:58 | 88 |
| 1900 | 49993.1 | 0.06 | 6723.1 | 1 | 3:09:03 | 88 |
| 1925 | 49999.2 | 0.04 | 6723.1 | 1 | 3:09:59 | 88 |
| 1950 | 49995.5 | 0.05 | 6722.9 | 1 | 3:11:02 | 88 |
| 1975 | 49992.7 | 0.05 | 6722.8 | 1 | 3:11:58 | 88 |
| 2000 | 49999 | 0.04 | 6722.7 | 1 | 3:13:02 | 88 |
| 2025 | 50000.4 | 0.06 | 6722.7 | 1 | 3:13:59 | 88 |
| 2050 | 50001.7 | 0.04 | 6722.9 | 1 | 3:15:03 | 88 |
| 2075 | 50009.3 | 0.05 | 6723.0 | 1 | 3:15:57 | 88 |
| 2100 | 50022 | 0.06 | 6723.1 | 1 | 3:17:03 | 88 |

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|---|---|---|---|---|---|---|
| 2125 | 50002.8 | 0.05 | 6723.4 | 1 | 3:18:00 | 88 |
| 2150 | 49991.1 | 0.04 | 6724.0 | 1 | 3:19:00 | 88 |
| 2175 | 50001.6 | 0.04 | 6724.2 | 1 | 3:19:58 | 88 |
| 2200 | 50007.2 | 0.06 | 6724.4 | 1 | 3:21:00 | 88 |
| 2225 | 49992.6 | 0.04 | 6724.7 | 1 | 3:22:06 | 88 |
| 2250 | 50001.7 | 0.05 | 6725.0 | 1 | 3:23:03 | 88 |
| 2275 | 50012.6 | 0.04 | 6725.3 | 1 | 3:24:01 | 88 |
| 2300 | 49988.1 | 0.04 | 6725.5 | 1 | 3:25:06 | 88 |
| 2325 | 50002.8 | 0.05 | 6725.4 | 1 | 3:26:05 | 88 |
| 2350 | 50006.5 | 0.04 | 6725.5 | 1 | 3:27:04 | 88 |
| 2375 | 49994.9 | 0.04 | 6725.7 | 1 | 3:28:01 | 88 |
| 2400 | 50008.6 | 0.04 | 6725.6 | 1 | 3:29:05 | 88 |
| 2425 | 49996.1 | 0.04 | 6725.7 | 1 | 3:30:03 | 88 |
| 2450 | 50006 | 0.05 | 6726.2 | 1 | 3:31:05 | 88 |
| 2475 | 50003.1 | 0.04 | 6726.3 | 1 | 3:32:03 | 88 |
| 2500 | 50009.3 | 0.04 | 6726.6 | 1 | 3:33:07 | 88 |

| Line 13+0 | 0N | D | ate | 28-Jun-96 | | #254 |
|---|---|---|---|---|---|---|
| POSITIO | FIELD | ERR | | DRIFT | TIME | DS CULT |
| -2500 | 49994.7 | 0.04 | 6726.9 | 1 | 3:37:34 | 88 |
| -2475 | 50003.8 | 0.05 | 6727.1 | 1 | 3:38:51 | 88 |
| -2450 | 49996.5 | 0.07 | 6727.1 | 1 | 3:39:46 | 88 |
| -2425 | 50006.4 | 0.05 | 6727.3 | 1 | 3:40:44 | 88 |
| -2400 | 49998.1 | 0.06 | 6727.4 | 1 | 3:41:40 | 88 |
| -2375 | 50003.6 | 0.05 | 6727.6 | 1 | 3:42:35 | 88 |
| -2350 | 49990.7 | 0.15 | 6728.0 | 1 | 3:43:30 | 88 |
| -2325 | 50006.4 | 0.04 | 6728.2 | 1 | 3:44:25 | 88 |
| -2300 | 50000.7 | 0.05 | 6728.5 | 1 | 3:45:22 | 88 |
| -2275 | 50006.7 | 0.04 | 6728.8 | 1 | 3:46:21 | 88 |
| -2250 | 49985 | 0.04 | 6728.9 | 1 | 3:47:17 | 88 |
| -2225 | 50005.2 | 0.04 | 6729.2 | 1 | 3:48:10 | 88 |
| -2200 | 49995.1 | 0.04 | 6729.5 | 1 | 3:49:05 | 88 |
| -2175 | 50000.9 | 0.05 | 6729.7 | 1 | 3:50:02 | 88 |
| -2150 | 49988.1 | 0.04 | 6729.8 | 1 | 3:50:53 | 88 |
| -2125 | 49996 | 0.04 | 6730.4 | 1 | 3:51:46 | 88 |
| -2100 | 49983.7 | 0.04 | 6730.8 | 1 | 3:52:40 | 88 |
| -2075 | 50013.2 | 0.04 | 6731.0 | 1 | 3:53:35 | 88 |
| -2050 | 49985.4 | 0.06 | 6731.2 | 1 | 3:54:30 | 88 |
| -2025 | 50012.5 | 0.05 | 6731.2 | 1 | 3:55:23 | 88 |
| -2000 | 49990.2 | 0.05 | 6731.3 | 1 | 3:56:20 | 88 |
| -1975 | 49998.2 | 0.04 | 6731.4 | 1 | 3:57:17 | 88 |
| -1950 | 49989.7 | 0.15 | 6731.2 | 1 | 3:58:12 | 88 |
| -1925 | 49992.1 | 0.04 | 6731.0 | 1 | 3:59:08 | 88 |
| -1900 | 49993.7 | 0.05 | 6731.2 | 1 | 4:00:03 | 88 |
| -1875 | 50001.3 | 0.04 | 6731.2 | 1 | 4:00:58 | 88 |
| -1850 | 49966.5 | 0.04 | 6731.2 | 1 | 4:01:52 | 88 |
| -1825 | 49985.9 | 0.08 | 6731.2 | 1 | 4:02:46 | 88 |
| -1800 | 49982.8 | 0.05 | 6731.6 | 1 | 4:03:44 | 88 |

| Line 13+2 | 5N | D | ate | 28-Jun-96 | | #283 |
|---|---|---|---|---|---|---|
| POSITIO | FIELD | ERR | | DRIFT | TIME | DS CULT |
| 1800 | 49978.6 | 0.04 | 6732.0 | 1 | 4:04:45 | 88 |
| 1825 | 49969.7 | 0.05 | 6731.7 | 1 | 4:06:32 | 88 |

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|---|---|---|---|---|---|
| 1850 | 49978.9 | 0.05 | 6731.6 | 1 | 4:07:40 | 88 |
| 1875 | 49983.1 | 0.04 | 6731.7 | 1 | 4:08:37 | 88 |
| 1900 | 49996.7 | 0.04 | 6731.8 | 1 | 4:09:42 | 88 |
| 1925 | 49985.1 | 0.04 | 6732.0 | 1 | 4:10:40 | 88 |
| 1950 | 49967.9 | 0.08 | 6731.8 | 1 | 4:11:46 | 88 |
| 1975 | 49992.9 | 0.04 | 6731.9 | 1 | 4:12:46 | 88 |
| 2000 | 49986.3 | 0.04 | 6731.8 | 1 | 4:14:00 | 88 |

| Line 13+2 | 5N | D | ate | 29-Jun-96 | | #1 |
|---|---|---|---|---|---|---|
| POSITIO | FIELD | | ERR | DRIFT | TIME | DS CULT |
| 2000 | 50006.3 | | 0.04 | 6681.2 | 8:57:49 | 88 |
| 2025 | 50008.8 | | 0.04 | 6691.3 | 9:00:25 | 88 |
| 2050 | 50028.9 | | 0.04 | 6690.2 | 9:03:45 | 88 |
| 2075 | 50008.5 | | 0.04 | 6689.1 | 9:04:54 | 88 |
| 2100 | 50013.8 | | 0.04 | 6688.8 | 9:05:59 | 88 |
| 2125 | 50021.5 | | 0.04 | 6687.8 | 9:08:15 | 88 |
| 2150 | 50013.4 | | 0.05 | 6687 | 9:09:33 | 88 |
| 2175 | 50018.2 | | 0.04 | 6686.8 | 9:10:32 | 88 |
| 2200 | 50010.7 | | 0.04 | 6686.1 | 9:12:24 | 88 |
| 2225 | 50038.8 | | 0.04 | 6686 | 9:13:58 | 88 |
| 2250 | 50035 | | 0.04 | 6687.3 | 9:15:12 | 88 |
| 2275 | 50018.9 | | 0.05 | 6693.4 | 9:16:09 | 88 |
| 2300 | 50034.7 | | 0.04 | 6677.1 | 9:17:15 | 88 |
| 2325 | 50054.6 | | 0.04 | 6659.7 | 9:18:15 | 88 |
| 2350 | 50029.7 | | 0.04 | 6684.6 | 9:21:15 | 88 |
| 2375 | 50027.9 | | 0.04 | 6685.1 | 9:22:10 | 88 |
| 2400 | 50029.5 | | 0.04 | 6685.4 | 9:23:11 | 88 |
| 2425 | 50042 | | 0.05 | 6667 | 9:24:34 | 88 |
| 2450 | 50040 | | 0.04 | 6673.3 | 9:25:32 | 88 |
| 2475 | 50023.7 | | 0.04 | 6694.4 | 9:26:27 | 88 |
| 2500 | 50033.4 | | 0.04 | 6689.1 | 9:27:27 | 88 |
| Line 13+5 | 0N | D | ate | 29-Jun-96 | | #22 |
| POSITIO | FIELD | | ERR | DRIFT | TIME | DS CULT |
| -2500 | 50042.2 | | 0.05 | 6684.8 | 9:28:26 | 88 |
| -2475 | 50026.6 | | 0.04 | 6694.5 | 9:29:45 | 88 |
| -2450 | 50024 | | 0.03 | 6693.5 | 9:30:38 | 88 |
| -2425 | 50034.4 | | 0.04 | 6696.5 | 9:31:35 | 88 |
| -2400 | 50023.7 | | 0.04 | 6698.6 | 9:32:23 | 88 |
| -2375 | 50025.4 | | 0.04 | 6696.9 | 9:33:22 | 88 |
| -2350 | 50033.1 | | 0.04 | 6698.9 | 9:38:12 | 88 |
| -2325 | 50031.7 | | 0.05 | 6696 | 9:39:15 | 88 |
| -2300 | 50039 | | 0.14 | 6689.9 | 9:40:08 | 88 |
| -2275 | 50058.8 | | 0.07 | 6700.7 | 9:41:01 | 88 |
| -2250 | 50015.2 | | 0.06 | 6697.9 | 9:41:54 | 88 |
| -2225 | 50031.8 | | 0.05 | 6700.3 | 9:42:49 | 88 |
| -2200 | 50034.3 | | 0.05 | 6700.1 | 9:45:45 | 88 |
| -2175 | 50060.4 | | 0.04 | 6660.9 | 9:46:41 | 88 |
| -2150 | 50034 | | 0.05 | 6674 | 9:47:35 | 88 |
| -2125 | 50029.9 | | 0.04 | 6698.9 | 9:48:32 | 88 |
| -2100 | 50015 | | 0.05 | 6698.9 | 9:49:21 | 88 |
| -2075 | 50021.1 | | 0.04 | 6700 | 9:50:17 | 88 |
| -2050 | 50000.8 | | 0.05 | 6698.5 | 9:51:08 | 88 |
| -2025 | 50036.1 | | 0.04 | 6682.7 | 9:52:04 | 88 |
| -2000 | 49999.8 | | 0.12 | 6699.1 | 9:52:59 | 88 |
| -1975 | 50005.3 | | 0.04 | 6698.7 | 9:53:56 | 88 |
| -1950 | 50015.8 | | 0.08 | 6696.5 | 9:54:46 | 88 |
| -1925 | 49992.6 | | 0.04 | 6697.4 | 9:55:43 | 88 |
| -1900 | 50006.5 | | 0.04 | 6698.3 | 9:56:35 | 88 |
| -1875 | 49997.8 | | 0.04 | 6698.5 | 9:57:35 | 88 |

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|---|---|---|---|---|---|---|
| -1850 | 49985.3 | | 0.09 | 6698.3 | 9:58:22 | 88 |
| -1825 | 49998 | | 0.05 | 6698 | 9:59:17 | 88 |
| -1800 | 49971.5 | | 0.04 | 6699.0 1 | 0:00:12 | 88 |
| Line 13+7 | 5N | D | ate | 29-Jun-96 | | #51 |
| POSITIO | FIELD | | ERR | DRIFT | TIME | DS CULT |
| 1800 | 49975 | | 0.03 | 6699.3 1 | 0:01:15 | 88 |
| 1825 | 49981.2 | | 0.04 | 6695.9 1 | 0:02:23 | 88 |
| 1850 | 49984 | | 0.04 | 6694.4 1 | 0:03:30 | 88 |
| 1875 | 49991.1 | | 0.04 | 6698.0 1 | 0:04:29 | 88 |
| 1900 | 49991.4 | | 0.04 | 6697.2 1 | 0:05:33 | 88 |
| 1925 | 49995.1 | | 0.05 | 6697.3 1 | 0:06:41 | 88 |
| 1950 | 49985.8 | | 0.04 | 6698.5 1 | 0:07:38 | 88 |
| 1975 | 49999.8 | | 0.04 | 6698.2 1 | 0:08:45 | 88 |
| 2000 | 49998.9 | | 0.04 | 6698.4 1 | 0:09:39 | 88 |
| 2025 | 49999.1 | | 0.05 | 6697.7 1 | 0:10:51 | 88 |
| 2050 | 50005.1 | | 0.04 | 6697.4 1 | 0:11:44 | 88 |
| 2075 | 49989.8 | | 0.04 | 6696.4 1 | 0:12:49 | 88 |
| 2100 | 49999 | | 0.04 | 6697.9 1 | 0:13:46 | 88 |
| 2125 | 50004.1 | | 0.06 | 6697.0 1 | 0:14:50 | 88 |
| 2150 | 50001.7 | | 0.04 | 6697.6 1 | 0:15:46 | 88 |
| 2175 | 50003.6 | | 0.04 | 6690.1 1 | 0:16:50 | 88 |
| 2200 | 50002.5 | | 0.04 | 6694.8 1 | 0:17:42 | 88 |
| 2225 | 49994.1 | | 0.04 | 6698.5 1 | 0:18:45 | 88 |
| 2250 | 50002.3 | | 0.15 | 6696.2 1 | 0:19:42 | 88 |
| 2275 | 49998.8 | | 0.05 | 6696.1 1 | 0:20:44 | 88 |
| 2300 | 50004.3 | | 0.16 | 6696.7 1 | 0:21:43 | 88 |
| 2325 | 49989.1 | | 0.04 | 6696.7 1 | 0:22:46 | 88 |
| 2350 | 50003.9 | | 0.07 | 6696.9 1 | 0:23:41 | 88 |
| 2375 | 50007.6 | | 0.04 | 6698.4 1 | 0:24:44 | 88 |
| 2400 | 50005.6 | | 0.04 | 6697.8 1 | 0:25:39 | 88 |
| 2425 | 50016 | | 0.04 | 6697.2 1 | 0:26:35 | 88 |
| 2450 | 50012 | | 0.04 | 6695.1 1 | 0:27:36 | 88 |
| 2475 | 49994.9 | | 0.04 | 6695.4 1 | 0:28:32 | 88 |
| 2500 | 50013.7 | | 0.06 | 6698.4 1 | 0:29:33 | 88 |
| Line 14+0 | 0N | D | ate | 29-Jun-96 | | #81 |
| POSITIO | FIELD | | ERR | DRIFT | TIME | DS CULT |
| -2500 | 50028 | | 0.04 | 6698.9 1 | 0:32:42 | 88 |
| -2475 | 50027.7 | | 0.04 | 6699.9 1 | 0:33:56 | 88 |
| -2450 | 50023.9 | | 0.04 | 6699.2 1 | 0:34:52 | 88 |
| -2425 | 50025.3 | | 0.05 | 6699.4 1 | 0:35:50 | 88 |
| -2400 | 50016.6 | | 0.04 | 6700.3 1 | 0:36:45 | 88 |
| -2375 | 50028.8 | | 0.04 | 6700.6 1 | 0:37:44 | 88 |
| -2350 | 49988.7 | | 0.04 | 6700.6 1 | 0:38:36 | 88 |
| -2325 | 50016.5 | | 0.04 | 6700.5 1 | 0:39:33 | 88 |
| -2300 | 50005.6 | | 0.13 | 6700.3 1 | 0:40:28 | 88 |
| -2275 | 50019 | | 0.04 | 6700.4 1 | 0:41:25 | 88 |
| -2250 | 49991.4 | | 0.04 | 6700.2 1 | 0:42:19 | 88 |
| -2225 | 50014.1 | | 0.05 | 6699.9 1 | 0:43:25 | 88 |
| -2200 | 50004.6 | | 0.04 | 6699.9 1 | 0:44:11 | 88 |
| -2175 | 50015.1 | | 0.04 | 6699.8 1 | 0:45:06 | 88 |
| -2150 | 49999.3 | | 0.04 | 6699.5 1 | 0:46:03 | 88 |

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|---|---|---|---|---|---|---|
| -2125 | 50004.5 | 0.04 | 6698.6 | 1 | 0:47:00 | 88 |
| -2100 | 50009.9 | 0.06 | 6698.9 | 1 | 0:47:55 | 88 |
| -2075 | 50014.1 | 0.03 | 6699.0 | 1 | 0:48:52 | 88 |
| -2050 | 49989.9 | 0.04 | 6698.6 | 1 | 0:49:50 | 88 |
| -2025 | 50000.7 | 0.04 | 6699.1 | 1 | 0:50:50 | 88 |
| -2000 | 50014.2 | 0.05 | 6698.9 | 1 | 0:51:41 | 88 |
| -1975 | 49993.3 | 0.03 | 6699.0 | 1 | 0:52:37 | 88 |
| -1950 | 49992 | 0.04 | 6699.3 | 1 | 0:53:31 | 88 |
| -1925 | 49998.6 | 0.04 | 6698.9 | 1 | 0:54:26 | 88 |
| -1900 | 49988.2 | 0.05 | 6698.6 | 1 | 0:55:19 | 88 |
| -1875 | 49994.6 | 0.04 | 6699.1 | 1 | 0:56:13 | 88 |
| -1850 | 49989.3 | 0.06 | 6698.5 | 1 | 0:57:05 | 88 |
| -1825 | 49971.3 | 0.12 | 6698.3 | 1 | 0:58:01 | 88 |
| -1800 | 49978.2 | 0.06 | 6698.3 | 1 | 0:58:54 | 88 |
| Line 14+2 | 5N D | ate | | 29-Jun-96 | | #110 |
| POSITIO | FIELD | ERR | | DRIFT | TIME | DS CULT |
| 1800 | 49970.1 | 0.03 | 6698.6 | 1 | 0:59:56 | 88 |
| 1825 | 49967.6 | 0.04 | 6698.0 | 1 | 1:01:06 | 88 |
| 1850 | 49986.3 | 0.06 | 6698.6 | 1 | 1:02:13 | 88 |
| 1875 | 49974.8 | 0.04 | 6698.4 | 1 | 1:03:24 | 88 |
| 1900 | 49979.5 | 0.03 | 6698.6 | 1 | 1:04:30 | 88 |
| 1925 | 49993.2 | 0.04 | 6698.3 | 1 | 1:05:29 | 88 |
| 1950 | 49985.2 | 0.04 | 6698.7 | 1 | 1:06:33 | 88 |
| 1975 | 50011.5 | 0.04 | 6698.8 | 1 | 1:07:35 | 88 |
| 2000 | 49991.1 | 0.05 | 6698.5 | 1 | 1:08:37 | 88 |
| 2025 | 49989.2 | 0.05 | 6698.5 | 1 | 1:09:33 | 88 |
| 2050 | 50000.8 | 0.04 | 6698.9 | 1 | 1:10:40 | 88 |
| 2075 | 50009.2 | 0.04 | 6699.1 | 1 | 1:11:36 | 88 |
| 2100 | 50003.8 | 0.04 | 6698.5 | 1 | 1:12:53 | 88 |
| 2125 | 49999 | 0.04 | 6698.4 | 1 | 1:13:52 | 88 |
| 2150 | 50006.7 | 0.03 | 6698.8 | 1 | 1:14:54 | 88 |
| 2175 | 49995 | 0.04 | 6698.4 | 1 | 1:15:56 | 88 |
| 2200 | 49999.4 | 0.05 | 6698.8 | 1 | 1:16:52 | 88 |
| 2225 | 49989.4 | 0.06 | 6698.5 | 1 | 1:17:49 | 88 |
| 2250 | 50005.8 | 0.04 | 6698.4 | 1 | 1:18:51 | 88 |
| 2275 | 49995.8 | 0.08 | 6698.5 | 1 | 1:19:51 | 88 |
| 2300 | 49991.9 | 0.04 | 6699.0 | 1 | 1:20:52 | 88 |
| 2325 | 49991.4 | 0.04 | 6698.6 | 1 | 1:21:49 | 88 |
| 2350 | 50008.1 | 0.04 | 6698.4 | 1 | 1:22:50 | 88 |
| 2375 | 49999.7 | 0.04 | 6698.6 | 1 | 1:23:47 | 88 |
| 2400 | 50017.9 | 0.04 | 6698.7 | 1 | 1:24:49 | 88 |
| 2425 | 49991.7 | 0.04 | 6698.2 | 1 | 1:25:46 | 88 |
| 2450 | 50008.4 | 0.04 | 6698.0 | 1 | 1:26:48 | 88 |
| 2475 | 50010.5 | 0.04 | 6698.1 | 1 | 1:27:45 | 88 |
| 2500 | 50008.7 | 0.04 | 6698.1 | 1 | 1:28:50 | 88 |
| Line 14+5 | 0N D | ate | | 29-Jun-96 | | #139 |
| POSITIO | FIELD | ERR | | DRIFT | TIME | DS CULT |
| -2500 | 50010 | 0.04 | 6698.2 | 1 | 1:29:47 | 88 |
| -2475 | 50030.5 | 0.04 | 6698.8 | 1 | 1:30:51 | 88 |
| -2450 | 50017 | 0.04 | 6698.6 | 1 | 1:31:49 | 88 |
| -2425 | 50006.5 | 0.05 | 6698.4 | 1 | 1:32:43 | 88 |

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|---|---|---|---|---|---|---|
| -2400 | 50013.1 | 0.04 | 6698.4 | 1 | 1:33:40 | 88 |
| -2375 | 50027.3 | 0.04 | 6698.8 | 1 | 1:34:37 | 88 |
| -2350 | 50023.6 | 0.04 | 6698.9 | 1 | 1:35:30 | 88 |
| -2325 | 50031 | 0.05 | 6698.8 | 1 | 1:36:26 | 88 |
| -2300 | 50025.2 | 0.05 | 6699.2 | 1 | 1:37:24 | 88 |
| -2275 | 50017 | 0.04 | 6699.3 | 1 | 1:38:20 | 88 |
| -2250 | 50019.8 | 0.04 | 6699.1 | 1 | 1:39:15 | 88 |
| -2225 | 50016.2 | 0.04 | 6699.4 | 1 | 1:40:10 | 88 |
| -2200 | 50017 | 0.04 | 6698.8 | 1 | 1:41:05 | 88 |
| -2175 | 50012.8 | 0.04 | 6699.5 | 1 | 1:42:00 | 88 |
| -2150 | 50015.5 | 0.04 | 6699.1 | 1 | 1:42:55 | 88 |
| -2125 | 50010.8 | 0.04 | 6699.4 | 1 | 1:43:54 | 88 |
| -2100 | 50009.2 | 0.04 | 6699.2 | 1 | 1:44:48 | 88 |
| -2075 | 50014.9 | 0.04 | 6699.1 | 1 | 1:45:44 | 88 |
| -2050 | 50019.8 | 0.04 | 6699.0 | 1 | 1:46:39 | 88 |
| -2025 | 50013.8 | 0.04 | 6699.3 | 1 | 1:47:33 | 88 |
| -2000 | 50004.3 | 0.05 | 6699.4 | 1 | 1:48:28 | 88 |
| -1975 | 49996.5 | 0.04 | 6699.2 | 1 | 1:49:24 | 88 |
| -1950 | 49992.6 | 0.04 | 6699.1 | 1 | 1:50:15 | 88 |
| -1925 | 49994 | 0.04 | 6699.3 | 1 | 1:51:10 | 88 |
| -1900 | 49996.2 | 0.05 | 6700.1 | 1 | 1:52:03 | 88 |
| -1875 | 49989.6 | 0.04 | 6700.1 | 1 | 1:52:59 | 88 |
| -1850 | 49990.1 | 0.05 | 6700.0 | 1 | 1:53:52 | 88 |
| -1825 | 49986 | 0.04 | 6700.0 | 1 | 1:54:46 | 88 |
| -1800 | 49976.9 | 0.04 | 6700.1 | 1 | 1:55:41 | 88 |

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| Line 14+7 | 5N | D | ate | | 29-Jun-96 | #168 |
| POSITIO | FIELD | | ERR | | DRIFT | TIME | DS CULT |
| -1800 | 50012 | | 0.04 | 6699.7 | 1 | 2:18:58 | 88 |
| -1825 | 49985.2 | | 0.06 | 6699.3 | 1 | 2:20:14 | 88 |
| 1850 | 49991.3 | | 0.04 | 6699.8 | 1 | 2:26:59 | 88 |
| 1875 | 49979.2 | | 0.04 | 6699.9 | 1 | 2:28:47 | 88 |
| 1900 | 49974.6 | | 0.04 | 6699.8 | 1 | 2:29:58 | 88 |
| 1925 | 49977.3 | | 0.04 | 6699.8 | 1 | 2:30:57 | 88 |
| 1950 | 49989.8 | | 0.04 | 6700.0 | 1 | 2:31:51 | 88 |
| 1975 | 49996.6 | | 0.04 | 6700.1 | 1 | 2:32:45 | 88 |
| 2000 | 49992.4 | | 0.08 | 6699.9 | 1 | 2:34:01 | 88 |
| 2025 | 49988.1 | | 0.04 | 6699.6 | 1 | 2:36:55 | 88 |
| 2050 | 49999.6 | | 0.07 | 6699.7 | 1 | 2:37:58 | 88 |
| 2075 | 50001 | | 0.05 | 6699.3 | 1 | 2:38:53 | 88 |
| 2100 | 50012.2 | | 0.04 | 6699.5 | 1 | 2:39:54 | 88 |
| 2125 | 49990.7 | | 0.04 | 6699.7 | 1 | 2:40:57 | 88 |
| 2150 | 50017.3 | | 0.04 | 6699.3 | 1 | 2:41:51 | 88 |
| 2175 | 49986.5 | | 0.06 | 6699.4 | 1 | 2:42:58 | 88 |
| 2200 | 50019.3 | | 0.04 | 6700.0 | 1 | 2:43:49 | 88 |
| 2225 | 50002.4 | | 0.05 | 6699.7 | 1 | 2:44:50 | 88 |
| 2250 | 50006.6 | | 0.04 | 6699.8 | 1 | 2:45:49 | 88 |
| 2275 | 50003.4 | | 0.04 | 6700.3 | 1 | 2:46:46 | 88 |
| 2300 | 50010.2 | | 0.04 | 6700.3 | 1 | 2:47:50 | 88 |
| 2325 | 50007.5 | | 0.37 | 6700.3 | 1 | 2:48:48 | 88 |
| 2350 | 50006.3 | | 0.04 | 6700.8 | 1 | 2:49:49 | 88 |
| 2375 | 49996.9 | | 0.04 | 6701.0 | 1 | 2:50:50 | 88 |

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|---|---|---|---|---|---|---|
| 2400 | 50012 | 0.04 | 6700.7 | 1 | 2:51:48 | 88 |
| 2425 | 50013.6 | 0.04 | 6700.7 | 1 | 2:52:45 | 88 |
| 2450 | 49995.3 | 0.04 | 6700.7 | 1 | 2:53:43 | 88 |
| 2475 | 50027.5 | 0.05 | 6701.2 | 1 | 2:54:38 | 88 |
| 2500 | 50013.4 | 0.04 | 6701.7 | 1 | 2:55:42 | 88 |
| Line 15+0 | 0N D | ate | 29-Jun-96 | | | #203 |
| POSITIO | FIELD | ERR | DRIFT | | TIME | DS CULT |
| -2500 | 50013.6 | 0.05 | 6701.7 | 1 | 2:56:40 | 88 |
| -2475 | 50024.1 | 0.05 | 6701.9 | 1 | 2:58:02 | 88 |
| -2450 | 50026.9 | 0.05 | 6702.2 | 1 | 2:59:27 | 88 |
| -2425 | 50017.9 | 0.04 | 6702.4 | 1 | 3:00:18 | 88 |
| -2400 | 50010.3 | 0.05 | 6702.6 | 1 | 3:01:15 | 88 |
| -2375 | 50017.5 | 0.04 | 6701.9 | 1 | 3:02:09 | 88 |
| -2350 | 50025.1 | 0.05 | 6702.3 | 1 | 3:03:02 | 88 |
| -2325 | 50028.3 | 0.05 | 6703.2 | 1 | 3:03:58 | 88 |
| -2300 | 50011.4 | 0.04 | 6703.4 | 1 | 3:04:48 | 88 |
| -2275 | 50020.9 | 0.04 | 6703.1 | 1 | 3:05:46 | 88 |
| -2250 | 50016 | 0.06 | 6703.0 | 1 | 3:06:38 | 88 |
| -2225 | 50023.2 | 0.06 | 6703.6 | 1 | 3:07:28 | 88 |
| -2200 | 50018.2 | 0.04 | 6704.1 | 1 | 3:08:22 | 88 |
| -2175 | 50038.5 | 0.13 | 6703.9 | 1 | 3:09:15 | 88 |
| -2150 | 50017.8 | 0.06 | 6704.3 | 1 | 3:10:05 | 88 |
| -2125 | 50024.7 | 0.05 | 6705.1 | 1 | 3:11:00 | 88 |
| -2100 | 50032 | 0.06 | 6704.4 | 1 | 3:11:50 | 88 |
| -2075 | 50034.6 | 0.05 | 6704.4 | 1 | 3:12:42 | 88 |
| -2050 | 49987.4 | 0.04 | 6705.0 | 1 | 3:13:31 | 88 |
| -2025 | 50031.8 | 0.05 | 6705.5 | 1 | 3:14:23 | 88 |
| -2000 | 50007.6 | 0.04 | 6705.5 | 1 | 3:15:12 | 88 |
| -1975 | 50003.4 | 0.04 | 6705.5 | 1 | 3:16:04 | 88 |
| -1950 | 50006 | 0.06 | 6705.1 | 1 | 3:16:54 | 88 |
| -1925 | 50027 | 0.11 | 6704.9 | 1 | 3:17:52 | 88 |
| -1900 | 50013.7 | 0.07 | 6704.9 | 1 | 3:18:39 | 88 |
| -1875 | 49983.5 | 0.04 | 6705.6 | 1 | 3:19:31 | 88 |
| -1850 | 50002 | 0.04 | 6706.1 | 1 | 3:20:25 | 88 |
| -1825 | 49976.8 | 0.05 | 6706.0 | 1 | 3:21:15 | 88 |
| -1800 | 50025.8 | 0.14 | 6706.0 | 1 | 3:22:05 | 88 |
| Line 15+2 | 5N D | ate | 29-Jun-96 | | | #232 |
| POSITIO | FIELD | ERR | DRIFT | | TIME | DS CULT |
| 1800 | 49971.6 | 0.04 | 6706.3 | 1 | 3:23:06 | 88 |
| 1825 | 49971.3 | 0.04 | 6705.9 | 1 | 3:24:20 | 88 |
| 1850 | 49980.6 | 0.04 | 6705.6 | 1 | 3:25:20 | 88 |
| 1875 | 49986.2 | 0.04 | 6706.2 | 1 | 3:26:18 | 88 |
| 1900 | 50008.9 | 0.96 | 6706.7 | 1 | 3:27:20 | 88 |
| 1925 | 49978.7 | 0.05 | 6706.0 | 1 | 3:28:13 | 88 |
| 1950 | 49997.5 | 0.05 | 6706.5 | 1 | 3:29:20 | 88 |
| 1975 | 49988.3 | 0.04 | 6706.8 | 1 | 3:30:24 | 88 |
| 2000 | 49986.9 | 0.04 | 6706.4 | 1 | 3:31:20 | 88 |
| 2025 | 50010.6 | 0.07 | 6707.0 | 1 | 3:32:16 | 88 |
| 2050 | 50000.7 | 0.04 | 6707.1 | 1 | 3:33:20 | 88 |
| 2075 | 50001.7 | 0.06 | 6707.3 | 1 | 3:34:22 | 88 |
| 2100 | 50004.1 | 0.05 | 6707.9 | 1 | 3:35:19 | 88 |

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|---|---|---|---|---|---|---|
| 2125 | 50005.4 | 0.05 | 6707.6 | 1 | 3:36:23 | 88 |
| 2150 | 49996 | 0.05 | 6708.1 | 1 | 3:37:16 | 88 |
| 2175 | 50027.7 | 0.06 | 6708.5 | 1 | 3:38:19 | 88 |
| 2200 | 50014.6 | 0.04 | 6708.5 | 1 | 3:39:10 | 88 |
| 2225 | 50019.7 | 0.05 | 6708.7 | 1 | 3:40:09 | 88 |
| 2250 | 50015.2 | 0.05 | 6709.1 | 1 | 3:41:58 | 88 |
| 2275 | 50016.1 | 0.05 | 6709.8 | 1 | 3:43:02 | 88 |
| 2300 | 50013.2 | 0.04 | 6707.7 | 1 | 3:44:13 | 88 |
| 2325 | 50005.1 | 0.04 | 6707.1 | 1 | 3:45:16 | 88 |
| 2350 | 50020.8 | 0.04 | 6707.1 | 1 | 3:46:14 | 88 |
| 2375 | 50005.9 | 0.04 | 6706.6 | 1 | 3:47:29 | 88 |
| 2400 | 50009.2 | 0.04 | 6705.1 | 1 | 3:48:22 | 88 |
| 2425 | 50016.7 | 0.04 | 6704.2 | 1 | 3:49:23 | 88 |
| 2450 | 50011.7 | 0.04 | 6703.6 | 1 | 3:50:19 | 88 |
| 2475 | 50013.5 | 0.04 | 6702.5 | 1 | 3:51:22 | 88 |
| 2500 | 50009 | 0.04 | 6701.8 | 1 | 3:52:19 | 88 |
| Line 15+5 | 0N D | ate | 29-Jun-96 | | | #262 |
| POSITIO | FIELD | ERR | DRIFT | | TIME | DS CULT |
| -2500 | 50010.4 | 0.08 | 6700.9 | 1 | 3:53:23 | 88 |
| -2475 | 50020.2 | 0.05 | 6701.4 | 1 | 3:55:33 | 88 |
| -2450 | 49996.7 | 0.05 | 6701.5 | 1 | 3:56:44 | 88 |
| -2425 | 50024.4 | 0.05 | 6702.4 | 1 | 3:57:42 | 88 |
| -2400 | 50022.9 | 0.04 | 6703.1 | 1 | 3:58:33 | 88 |
| -2375 | 50022 | 0.04 | 6702.6 | 1 | 3:59:28 | 88 |
| -2350 | 50009.6 | 0.04 | 6701.8 | 1 | 4:00:23 | 88 |
| -2325 | 50025.2 | 0.05 | 6701.9 | 1 | 4:01:20 | 88 |
| -2300 | 50027.8 | 0.04 | 6702.1 | 1 | 4:02:11 | 88 |
| -2275 | 50023 | 0.04 | 6703.9 | 1 | 4:03:10 | 88 |
| -2250 | 50018 | 0.04 | 6703.2 | 1 | 4:04:00 | 88 |
| -2225 | 50035.4 | 0.05 | 6705.1 | 1 | 4:05:23 | 88 |
| -2200 | 50030.2 | 0.07 | 6705.5 | 1 | 4:06:18 | 88 |
| -2175 | 50037.5 | 0.04 | 6706.0 | 1 | 4:07:16 | 88 |
| -2150 | 50037 | 0.05 | 6706.6 | 1 | 4:08:04 | 88 |
| -2125 | 50022.2 | 0.05 | 6705.6 | 1 | 4:09:02 | 88 |
| -2100 | 50010.4 | 0.05 | 6706.6 | 1 | 4:09:52 | 88 |
| -2075 | 50018.9 | 0.05 | 6708.3 | 1 | 4:10:50 | 88 |
| -2050 | 50026.6 | 0.06 | 6700.4 | 1 | 4:11:36 | 88 |
| -2025 | 50029.1 | 0.05 | 6703.6 | 1 | 4:12:35 | 88 |
| -2000 | 50009.9 | 0.06 | 6701.1 | 1 | 4:13:24 | 88 |
| -1975 | 50032.5 | 0.07 | 6696.0 | 1 | 4:14:22 | 88 |
| -1950 | 50016.1 | 0.05 | 6711.8 | 1 | 4:15:11 | 88 |
| -1925 | 50008.4 | 0.05 | 6713.6 | 1 | 4:16:03 | 88 |
| -1900 | 50015.1 | 0.04 | 6702.3 | 1 | 4:16:57 | 88 |
| -1875 | 50031.4 | 0.04 | 6682.0 | 1 | 4:17:55 | 88 |
| -1850 | 49983.3 | 0.09 | 6702.7 | 1 | 4:18:41 | 88 |
| -1825 | 50019.7 | 0.05 | 6692.5 | 1 | 4:19:34 | 88 |
| -1800 | 50014.1 | 0.04 | 6693.8 | 1 | 4:20:26 | 88 |
| Line 15+7 | 5N D | ate | 29-Jun-96 | | | #290 |
| POSITIO | FIELD | ERR | DRIFT | | TIME | DS CULT |
| 1800 | 49981.1 | 0.04 | 6716.4 | 1 | 4:21:28 | 88 |
| 1825 | 49982.5 | 0.04 | 6714.5 | 1 | 4:22:43 | 88 |

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|---|---|---|---|---|---|---|
| 1850 | 50017 | 0.04 | 6683.5 | 1 | 4:23:45 | 88 |
| 1875 | 49990.6 | 0.05 | 6713.6 | 1 | 4:24:56 | 88 |
| 1900 | 49990.2 | 0.04 | 6714.2 | 1 | 4:25:51 | 88 |
| 1925 | 50067.2 | 0.04 | 6641.7 | 1 | 4:27:00 | 88 |
| 1950 | 50001.5 | 0.04 | 6705.4 | 1 | 4:27:52 | 88 |
| 1975 | 50068.2 | 0.04 | 6649.6 | 1 | 4:29:01 | 88 |
| 2000 | 50006.3 | 0.05 | 6705.4 | 1 | 4:29:51 | 88 |
| 2025 | 50009.3 | 0.04 | 6717.2 | 1 | 4:30:49 | 88 |
| 2050 | 50028.3 | 0.04 | 6687.4 | 1 | 4:31:52 | 88 |
| 2075 | 50060 | 0.04 | 6662.0 | 1 | 4:32:54 | 88 |
| 2100 | 50028.6 | 0.04 | 6693.2 | 1 | 4:33:51 | 88 |
| 2125 | 50044.7 | 0.04 | 6696.1 | 1 | 4:34:54 | 88 |
| 2150 | 50017 | 0.05 | 6714.0 | 1 | 4:35:50 | 88 |
| 2175 | 50090.3 | 0.04 | 6625.3 | 1 | 4:36:55 | 88 |
| 2200 | 50060 | 0.05 | 6668.2 | 1 | 4:37:44 | 88 |
| 2225 | 50035.2 | 0.04 | 6677.9 | 1 | 4:38:43 | 88 |
| 2250 | 50039.5 | 0.06 | 6686.6 | 1 | 4:39:40 | 88 |
| 2275 | 50051 | 0.04 | 6677.8 | 1 | 4:40:36 | 88 |
| 2300 | 50055.5 | 0.59 | 6668.6 | 1 | 4:41:35 | 88 |
| 2325 | 50032.3 | 0.06 | 6689.5 | 1 | 4:42:31 | 88 |
| 2350 | 50009.1 | 0.04 | 6711.1 | 1 | 4:43:29 | 88 |
| 2375 | 50008.8 | 0.04 | 6715.2 | 1 | 4:44:28 | 88 |
| 2400 | 50020 | 0.05 | 6698.5 | 1 | 4:45:21 | 88 |
| 2425 | 50059.2 | 0.07 | 6672.9 | 1 | 4:46:26 | 88 |
| 2450 | 50034.4 | 0.04 | 6688.8 | 1 | 4:47:14 | 88 |
| 2475 | 50033.3 | 0.07 | 6687.5 | 1 | 4:48:07 | 88 |
| 2500 | 50023.7 | 0.04 | 6697.1 | 1 | 4:49:09 | 88 |
| Line 16+0 0N | D | ate | | 29-Jun-96 | | #319 |
| POSITIO | FIELD | ERR | | DRIFT | TIME | DS CULT |
| -2500 | 50053.3 | 0.05 | 6687.8 | 1 | 4:50:31 | 88 |
| -2475 | 50093.5 | 0.04 | 6646.4 | 1 | 4:51:38 | 88 |
| -2450 | 50066 | 0.04 | 6666.0 | 1 | 4:52:33 | 88 |
| -2425 | 50058.8 | 0.05 | 6682.7 | 1 | 4:53:25 | 88 |
| -2400 | 50074 | 0.05 | 6674.3 | 1 | 4:54:17 | 88 |
| -2375 | 50011.4 | 0.04 | 6719.8 | 1 | 4:55:09 | 88 |
| -2350 | 50039.1 | 0.05 | 6697.2 | 1 | 4:56:03 | 88 |
| -2325 | 50024.6 | 0.05 | 6718.2 | 1 | 4:56:55 | 88 |
| -2300 | 50034.3 | 0.05 | 6719.7 | 1 | 4:57:48 | 88 |
| -2275 | 50077.4 | 0.06 | 6678.2 | 1 | 4:58:40 | 88 |
| -2250 | 49972.8 | 0.04 | 6766.7 | 1 | 4:59:33 | 88 |
| -2225 | 49972.4 | 0.06 | 6775.3 | 1 | 5:00:25 | 88 |
| -2200 | 50085.3 | 0.05 | 6669.0 | 1 | 5:01:21 | 88 |
| -2175 | 50032.4 | 0.04 | 6725.9 | 1 | 5:02:16 | 88 |
| -2150 | 50017 | 0.04 | 6729.5 | 1 | 5:03:09 | 88 |
| -2125 | 50136.7 | 0.05 | 6607.6 | 1 | 5:04:01 | 88 |
| -2100 | 50100.8 | 0.04 | 6642.6 | 1 | 5:04:54 | 88 |
| -2075 | 49938 | 0.05 | 6815.8 | 1 | 5:05:45 | 88 |
| -2050 | 49892.7 | 0.04 | 6853.6 | 1 | 5:06:39 | 88 |
| -2025 | 50021.9 | 0.05 | 6742.3 | 1 | 5:07:26 | 88 |
| -2000 | 50109 | 0.04 | 6629.0 | 1 | 5:08:24 | 88 |
| -1975 | 50101.3 | 0.04 | 6648.0 | 1 | 5:09:15 | 88 |

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|---|---|---|---|---|---|---|
| -1950 | 50092.1 | 0.04 | 6622.5 | 1 | 5:10:08 | 88 |
| -1925 | 50219.3 | 0.05 | 6510.8 | 1 | 5:11:02 | 88 |
| -1900 | 50230.4 | 0.05 | 6485.0 | 1 | 5:11:53 | 88 |
| -1875 | 50179.7 | 0.05 | 6534.8 | 1 | 5:12:41 | 88 |
| -1850 | 50145 | 0.05 | 6559.5 | 1 | 5:13:35 | 88 |
| -1825 | 50162.5 | 0.04 | 6560.1 | 1 | 5:14:28 | 88 |
| -1800 | 50143 | 0.05 | 6556.8 | 1 | 5:15:18 | 88 |
| Line 16+2 | 5N D | ate | 29-Jun-96 | | #348 | |
| POSITIO | FIELD | ERR | DRIFT | | TIME | DS CULT |
| 1800 | 50202.4 | 0.08 | 6488.3 | 1 | 5:16:17 | 88 |
| 1825 | 50216.4 | 0.05 | 6478.3 | 1 | 5:17:25 | 88 |
| 1850 | 50249.7 | 0.03 | 6456.3 | 1 | 5:18:25 | 88 |
| 1875 | 50494.8 | 0.05 | 6210.9 | 1 | 5:19:17 | 88 |
| 1900 | 50313.8 | 0.05 | 6404.3 | 1 | 5:20:23 | 88 |
| 1925 | 50374.9 | 0.04 | 6349.0 | 1 | 5:21:22 | 88 |
| 1950 | 50224.2 | 0.04 | 6493.9 | 1 | 5:22:21 | 88 |
| 1975 | 50172.1 | 0.05 | 6543.1 | 1 | 5:23:29 | 88 |
| 2000 | 50189 | 0.05 | 6540.4 | 1 | 5:24:29 | 88 |
| 2025 | 50212.4 | 0.04 | 6511.1 | 1 | 5:25:22 | 88 |
| 2050 | 50402.8 | 0.05 | 6323.2 | 1 | 5:26:25 | 88 |
| 2075 | 50501.8 | 0.04 | 6228.5 | 1 | 5:27:18 | 88 |
| 2100 | 50287 | 0.05 | 6458.0 | 1 | 5:28:22 | 88 |
| 2125 | 50156.9 | 0.06 | 6585.1 | 1 | 5:29:17 | 88 |
| 2150 | 50244.4 | 0.05 | 6487.3 | 1 | 5:30:17 | 88 |
| 2175 | 50535.8 | 0.04 | 6194.7 | 1 | 5:31:15 | 88 |
| 2200 | 50458.2 | 0.04 | 6286.0 | 1 | 5:32:15 | 88 |
| 2225 | 50498.8 | 0.04 | 6234.2 | 1 | 5:33:09 | 88 |
| 2250 | 50247.7 | 0.04 | 6481.8 | 1 | 5:34:09 | 88 |
| 2275 | 50631.8 | 0.06 | 6093.5 | 1 | 5:35:04 | 88 |
| 2300 | 50205.8 | 0.07 | 6532.7 | 1 | 5:36:07 | 88 |
| 2325 | 50300.3 | 0.04 | 6427.6 | 1 | 5:37:07 | 88 |
| 2350 | 50645.9 | 0.05 | 6082.4 | 1 | 5:38:03 | 88 |
| 2375 | 50282.9 | 0.04 | 6438.0 | 1 | 5:38:58 | 88 |
| 2400 | 50269.2 | 0.04 | 6453.2 | 1 | 5:40:01 | 88 |
| 2425 | 50283.7 | 0.12 | 6457.3 | 1 | 5:40:58 | 88 |
| 2450 | 50165.5 | 0.04 | 6562.6 | 1 | 5:41:57 | 88 |
| 2475 | 50216.3 | 0.04 | 6508.2 | 1 | 5:42:50 | 88 |
| 2500 | 50055.6 | 0.05 | 6676.0 | 1 | 5:43:51 | 88 |
| Line 16+5 | 0N D | ate | 29-Jun-96 | | #377 | |
| POSITIO | FIELD | ERR | DRIFT | | TIME | DS CULT |
| -2500 | 50188.8 | 0.05 | 6549.2 | 1 | 5:44:55 | 88 |
| -2475 | 50473.9 | 0.04 | 6272.5 | 1 | 5:46:02 | 88 |
| -2450 | 50253.8 | 0.09 | 6486.9 | 1 | 5:46:56 | 88 |
| -2425 | 50413.5 | 0.05 | 6335.3 | 1 | 5:47:46 | 88 |
| -2400 | 50315.3 | 0.04 | 6432.4 | 1 | 5:48:40 | 88 |
| -2375 | 50216.9 | 0.04 | 6533.4 | 1 | 5:49:33 | 88 |
| -2350 | 50185.7 | 0.05 | 6557.5 | 1 | 5:50:26 | 88 |
| -2325 | 50186.8 | 0.04 | 6561.2 | 1 | 5:51:19 | 88 |
| -2300 | 50214.8 | 0.04 | 6532.8 | 1 | 5:52:12 | 88 |
| -2275 | 50362.6 | 0.05 | 6397.5 | 1 | 5:53:13 | 88 |
| -2250 | 50317.4 | 0.05 | 6424.2 | 1 | 5:53:57 | 88 |

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|---|---|---|---|---|---|---|
| -2225 | 50602.4 | 0.05 | 6160.6 | 1 | 5:54:48 | 88 |
| -2200 | 50582.1 | 0.04 | 6163.3 | 1 | 5:55:41 | 88 |
| -2175 | 50539.8 | 0.04 | 6216.4 | 1 | 5:56:32 | 88 |
| -2150 | 50418.5 | 0.05 | 6340.9 | 1 | 5:57:24 | 88 |
| -2125 | 50342.2 | 0.05 | 6431.1 | 1 | 5:58:14 | 88 |
| -2100 | 50532.3 | 0.06 | 6229.4 | 1 | 5:59:06 | 88 |
| -2075 | 50239.7 | 0.05 | 6534.4 | 1 | 5:59:56 | 88 |
| -2050 | 50489.7 | 0.04 | 6283.9 | 1 | 6:00:47 | 88 |
| -2025 | 50717.6 | 0.04 | 6049.2 | 1 | 6:01:37 | 88 |
| -2000 | 50771 | 0.05 | 5969.3 | 1 | 6:02:27 | 88 |
| -1975 | 50378.9 | 0.07 | 6373.7 | 1 | 6:08:42 | 88 |
| -1950 | 50415.4 | 0.05 | 6340.1 | 1 | 6:09:30 | 88 |
| -1925 | 50399 | 0.04 | 6360.9 | 1 | 6:10:22 | 88 |
| -1900 | 50201.2 | 0.04 | 6540.3 | 1 | 6:11:12 | 88 |
| -1875 | 50065 | 0.04 | 6688.1 | 1 | 6:12:07 | 88 |
| -1850 | 50286.3 | 0.09 | 6467.1 | 1 | 6:12:54 | 88 |
| -1825 | 50429.3 | 0.04 | 6308.0 | 1 | 6:13:45 | 88 |
| -1800 | 50448.1 | 0.17 | 6263.0 | 1 | 6:14:41 | 88 |

| Line 16+7 | 5N D | ate | 29-Jun-96 | | #406 | |
|---|---|---|---|---|---|---|
| POSITIO | FIELD | ERR | DRIFT | | TIME | DS CULT |
| 1800 | 50401.1 | 0.04 | 6310.6 | 1 | 6:15:38 | 88 |
| 1825 | 50356.6 | 0.04 | 6357.0 | 1 | 6:17:06 | 88 |
| 1850 | 49858.6 | 0.04 | 6857.9 | 1 | 6:18:02 | 88 |
| 1875 | 50334.5 | 0.04 | 6396.3 | 1 | 6:18:57 | 88 |
| 1900 | 49923.1 | 0.05 | 6819.9 | 1 | 6:20:04 | 88 |
| 1925 | 49417.7 | 0.1 | 7317.4 | 1 | 6:20:59 | 88 |
| 1950 | 48556.1 | 0.05 | 8188.6 | 1 | 6:21:56 | 88 |
| 1975 | 49629.8 | 0.04 | 7113.9 | 1 | 6:22:49 | 88 |
| 2000 | 50725.4 | 0.04 | 6023.5 | 1 | 6:23:48 | 88 |

| Line 16+7 5N | D | ate | 1-Jul-09 | | 6 #1 |
|---|---|---|---|---|---|
| POSITIO | FIELD | ERR | DRIFT | TIME | DS CULT |
| 2000 | 50022.2 | 0.03 | 6734.8 | 10:46:34 | 88 |
| 2025 | 50007.4 | 0.03 | 6734.4 | 10:48:01 | 88 |
| 2050 | 50010 | 0.05 | 6734.1 | 10:49:02 | 88 |
| 2075 | 50014.9 | 0.04 | 6734.1 | 10:50:07 | 88 |
| 2100 | 50020.7 | 0.03 | 6733.9 | 10:51:08 | 88 |
| 2125 | 50019.5 | 0.04 | 6734 | 10:52:05 | 88 |
| 2150 | 50021 | 0.04 | 6733.8 | 10:53:07 | 88 |
| 2175 | 50016 | 0.05 | 6733.9 | 10:54:03 | 88 |
| 2200 | 50010 | 0.03 | 6734 | 10:55:07 | 88 |
| 2225 | 50006.3 | 0.03 | 6734.1 | 10:56:06 | 88 |
| 2250 | 50004.8 | 0.03 | 6734 | 10:57:08 | 88 |
| 2275 | 50003.1 | 0.04 | 6733.9 | 10:58:08 | 88 |
| 2300 | 49997.4 | 0.04 | 6733.8 | 10:59:09 | 88 |
| 2325 | 49992.8 | 0.04 | 6733.7 | 11:00:08 | 88 |
| 2350 | 50000.1 | 0.04 | 6733.8 | 11:01:10 | 88 |
| 2375 | 50002.2 | 0.04 | 6733.4 | 11:02:09 | 88 |
| 2400 | 49994.1 | 0.05 | 6733.2 | 11:03:07 | 88 |
| 2425 | 49990.6 | 0.05 | 6732.7 | 11:04:21 | 88 |
| 2450 | 50005.5 | 0.03 | 6732.3 | 11:05:21 | 88 |
| 2475 | 49998.8 | 0.03 | 6732.5 | 11:06:19 | 88 |
| 2500 | 49997.6 | 0.09 | 6732.1 | 11:07:18 | 88 |
| Line 17+0 0N | D | ate | 1-Jul-09 | | 6 #22 |
| POSITIO | FIELD | ERR | DRIFT | TIME | DS CULT |
| -2500 | 50002 | 0.04 | 6731.9 | 11:08:24 | 88 |
| -2475 | 50022.2 | 0.03 | 6731.8 | 11:09:37 | 88 |
| -2450 | 49993.6 | 0.13 | 6731.5 | 11:10:33 | 88 |
| -2425 | 50015.4 | 0.04 | 6731.5 | 11:11:30 | 88 |
| -2400 | 50023.8 | 0.04 | 6731.6 | 11:12:34 | 88 |
| -2375 | 49999.7 | 0.03 | 6731.6 | 11:13:30 | 88 |
| -2350 | 50026.7 | 1 | 6731.8 | 11:14:23 | 88 |
| -2325 | 50004.2 | 0.04 | 6731.7 | 11:15:18 | 88 |
| -2300 | 50009.3 | 0.04 | 6731.5 | 11:16:16 | 88 |
| -2275 | 50007.7 | 0.03 | 6731.8 | 11:17:14 | 88 |
| -2250 | 50013.9 | 0.03 | 6731.7 | 11:18:06 | 88 |
| -2225 | 50019 | 0.04 | 6731.5 | 11:19:03 | 88 |
| -2200 | 50024.1 | 0.11 | 6731.4 | 11:19:57 | 88 |
| -2175 | 50029.6 | 0.03 | 6731.1 | 11:20:58 | 88 |
| -2150 | 50020.3 | 0.05 | 6730.7 | 11:21:50 | 88 |
| -2125 | 50028.7 | 0.03 | 6730.1 | 11:22:47 | 88 |
| -2100 | 50042.8 | 0.04 | 6730.1 | 11:23:39 | 88 |
| -2075 | 50032.6 | 0.03 | 6729.6 | 11:27:12 | 88 |
| -2050 | 50018.8 | 0.04 | 6729.3 | 11:28:11 | 88 |
| -2025 | 50023.9 | 0.04 | 6729.1 | 11:29:10 | 88 |
| -2000 | 50033.7 | 0.05 | 6729.5 | 11:30:03 | 88 |
| -1975 | 50044.3 | 0.04 | 6729.5 | 11:31:01 | 88 |
| -1950 | 50006.9 | 0.04 | 6729.5 | 11:32:00 | 88 |
| -1925 | 50005 | 0.04 | 6729.7 | 11:33:02 | 88 |
| -1900 | 49998.6 | 0.05 | 6729.9 | 11:33:58 | 88 |
| -1875 | 49996.1 | 0.04 | 6730.2 | 11:35:56 | 88 |

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|---|---|---|---|---|---|
| -1850 | 50002.1 | 0.04 | 6730.2 | 11:36:51 | 88 |
| -1825 | 49990.5 | 0.03 | 6729.8 | 11:38:54 | 88 |
| -1800 | 49943.9 | 0.05 | 6729.4 | 11:40:00 | 88 |
| -1775 | 49974.2 | 0.03 | 6729 | 11:41:02 | 88 |
| -1750 | 49960.8 | 0.04 | 6728.4 | 11:42:12 | 88 |
| -1725 | 49900.7 | 0.03 | 6728 | 11:43:14 | 88 |
| -1700 | 49880 | 0.05 | 6727.7 | 11:44:19 | 88 |
| Line 17+2 | 5N D | ate | 1-Jul-09 | 6 | #56 |
| POSITIO | FIELD | ERR | DRIFT | TIME | DS CULT |
| 1700 | 49875.3 | 0.04 | 6725.8 | 11:54:01 | 88 |
| 1725 | 49886.9 | 0.04 | 6718.3 | 12:24:55 | 88 |
| 1750 | 49914.7 | 0.03 | 6718.2 | 12:25:53 | 88 |
| 1775 | 49931.8 | 0.04 | 6717.6 | 12:26:47 | 88 |
| 1800 | 49972.9 | 0.04 | 6717 | 12:28:03 | 88 |
| 1825 | 49962.2 | 0.05 | 6717.3 | 12:29:01 | 88 |
| 1850 | 49990 | 0.11 | 6717.6 | 12:30:01 | 88 |
| 1875 | 49975 | 0.03 | 6717.8 | 12:30:59 | 88 |
| 1900 | 49997.8 | 0.03 | 6718.1 | 12:32:00 | 88 |
| 1925 | 49988.3 | 0.04 | 6718.6 | 12:32:57 | 88 |
| 1950 | 50009.4 | 0.04 | 6718.5 | 12:33:57 | 88 |
| 1975 | 50009.4 | 0.04 | 6719.2 | 12:34:54 | 88 |
| 2000 | 50008.3 | 0.04 | 6719.5 | 12:35:55 | 88 |
| 2025 | 50008.3 | 0.04 | 6720 | 12:36:52 | 88 |
| 2050 | 50017.1 | 0.04 | 6719.7 | 12:37:53 | 88 |
| 2075 | 50009.2 | 0.04 | 6719.7 | 12:38:59 | 88 |
| 2100 | 50013.5 | 0.11 | 6719.9 | 12:39:54 | 88 |
| 2125 | 50020 | 0.03 | 6720.4 | 12:41:04 | 88 |
| 2150 | 50016 | 0.04 | 6720.6 | 12:42:05 | 88 |
| 2175 | 50007.8 | 0.04 | 6720.6 | 12:43:07 | 88 |
| 2200 | 50003.4 | 0.03 | 6720.8 | 12:44:05 | 88 |
| 2225 | 50000.2 | 0.05 | 6721 | 12:45:03 | 88 |
| 2250 | 49993.4 | 0.04 | 6720.9 | 12:46:06 | 88 |
| 2275 | 49989.7 | 0.04 | 6720.8 | 12:47:07 | 88 |
| 2300 | 49984.1 | 0.04 | 6721.3 | 12:48:27 | 88 |
| 2325 | 49986.8 | 0.03 | 6721.3 | 12:49:22 | 88 |
| 2350 | 49979.2 | 0.1 | 6721.5 | 12:50:30 | 88 |
| 2375 | 49986.9 | 0.03 | 6721.4 | 12:51:23 | 88 |
| 2400 | 49982.3 | 0.06 | 6721.6 | 12:52:42 | 88 |
| 2425 | 49981.6 | 0.07 | 6721.7 | 12:53:34 | 88 |
| 2450 | 49973.4 | 0.04 | 6722.1 | 12:55:20 | 88 |
| 2475 | 49989.7 | 0.03 | 6721.9 | 12:56:13 | 88 |
| 2500 | 49996.8 | 0.04 | 6722.2 | 12:57:14 | 88 |
| Line 17+5 | 0N D | ate | 1-Jul-09 | 6 | #89 |
| POSITIO | FIELD | ERR | DRIFT | TIME | DS CULT |
| -2500 | 50008.9 | 0.05 | 6722.1 | 12:58:25 | 88 |
| -2475 | 50010.6 | 0.04 | 6722.2 | 12:59:37 | 88 |
| -2450 | 49992.4 | 0.06 | 6722.6 | 13:00:35 | 88 |
| -2425 | 49998 | 0.03 | 6722.6 | 13:01:36 | 88 |
| -2400 | 49998.5 | 0.18 | 6722.5 | 13:02:32 | 88 |
| -2375 | 49988.4 | 0.04 | 6722.7 | 13:03:26 | 88 |
| -2350 | 49993.9 | 0.04 | 6723 | 13:04:24 | 88 |

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|---|---|---|---|---|---|
| -2325 | 50004.3 | 0.04 | 6723.4 | 13:05:30 | 88 |
| -2300 | 50002.1 | 0.04 | 6723.2 | 13:06:22 | 88 |
| -2275 | 50002 | 0.04 | 6723.4 | 13:07:14 | 88 |
| -2250 | 49997.7 | 0.03 | 6723.8 | 13:08:08 | 88 |
| -2225 | 49998.2 | 0.04 | 6723.9 | 13:09:02 | 88 |
| -2200 | 50016.3 | 0.04 | 6724.1 | 13:09:55 | 88 |
| -2175 | 50013.8 | 0.03 | 6724.6 | 13:10:51 | 88 |
| -2150 | 49998.8 | 0.04 | 6724.7 | 13:11:45 | 88 |
| -2125 | 50024 | 0.03 | 6725.1 | 13:12:39 | 88 |
| -2100 | 50026.8 | 0.03 | 6725.4 | 13:13:31 | 88 |
| -2075 | 50030.7 | 0.03 | 6725.9 | 13:14:42 | 88 |
| -2050 | 50024.5 | 0.09 | 6726.2 | 13:15:35 | 88 |
| -2025 | 50023.3 | 0.04 | 6726.1 | 13:16:30 | 88 |
| -2000 | 50022.8 | 0.09 | 6726.2 | 13:17:21 | 88 |
| -1975 | 50030.9 | 0.04 | 6726.9 | 13:18:13 | 88 |
| -1950 | 50021.6 | 0.03 | 6726.7 | 13:19:34 | 88 |
| -1925 | 50017.2 | 0.03 | 6728.1 | 13:23:02 | 88 |
| -1900 | 49993.7 | 0.11 | 6727.8 | 13:23:58 | 88 |
| -1875 | 49994.5 | 0.04 | 6728.2 | 13:25:05 | 88 |
| -1850 | 49946.4 | 0.1 | 6727.9 | 13:25:58 | 88 |
| -1825 | 49959.8 | 0.04 | 6728.7 | 13:27:24 | 88 |
| -1800 | 49962 | 0.03 | 6728.9 | 13:28:30 | 88 |
| -1775 | 49936.6 | 0.04 | 6729.2 | 13:29:29 | 88 |
| -1750 | 49934.7 | 0.29 | 6730.3 | 13:30:40 | 88 |
| -1725 | 49932.7 | 0.38 | 6730.4 | 13:32:32 | 88 |
| -1700 | 49839.5 | 0.05 | 6735.4 | 13:39:31 | 88 |

Line 17+7 5N D ate 1-Jul-09 6 #122

| POSITIO | FIELD | ERR | DRIFT | TIME | DS CULT |
|---|---|---|---|---|---|
| 1700 | 49837.6 | 0.04 | 6736.2 | 13:55:06 | 88 |
| 1725 | 49849.2 | 0.04 | 6738.1 | 13:59:55 | 88 |
| 1750 | 49859.9 | 0.04 | 6741.1 | 14:04:16 | 88 |
| 1775 | 49899.2 | 0.06 | 6741.3 | 14:06:12 | 88 |
| 1800 | 49916.4 | 0.04 | 6739 | 14:17:06 | 88 |
| 1825 | 49916.1 | 0.04 | 6739.4 | 14:17:58 | 88 |
| 1850 | 49916.7 | 0.03 | 6739.9 | 14:18:40 | 88 |
| 1875 | 49939 | 0.04 | 6740.2 | 14:19:34 | 88 |
| 1900 | 49986.5 | 0.04 | 6741.8 | 14:22:28 | 88 |
| 1925 | 49985.1 | 0.05 | 6742.8 | 14:23:28 | 88 |
| 1950 | 49986 | 0.05 | 6743.1 | 14:24:32 | 88 |
| 1975 | 50018 | 0.04 | 6742.8 | 14:25:40 | 88 |
| 2000 | 50030.3 | 0.04 | 6743.6 | 14:27:13 | 88 |
| 2025 | 50020.7 | 0.03 | 6743 | 14:28:14 | 88 |
| 2050 | 50005.2 | 0.04 | 6743.2 | 14:29:18 | 88 |
| 2075 | 50009.8 | 0.03 | 6742.6 | 14:30:14 | 88 |
| 2100 | 50009.6 | 0.03 | 6743.2 | 14:31:23 | 88 |
| 2125 | 50015.7 | 0.04 | 6741.7 | 14:32:52 | 88 |
| 2150 | 50007.9 | 0.04 | 6741.4 | 14:33:55 | 88 |
| 2175 | 50005.4 | 0.04 | 6741.3 | 14:35:54 | 88 |
| 2200 | 49998.8 | 0.04 | 6741.2 | 14:37:29 | 88 |
| 2225 | 50000.4 | 0.04 | 6741.6 | 14:38:34 | 88 |
| 2250 | 49981.4 | 0.03 | 6741.7 | 14:39:53 | 88 |

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| 2275 | 49988.7 | 0.04 | 6742 | 14:41:02 | 88 |
| 2300 | 49973.2 | 0.04 | 6741.5 | 14:42:04 | 88 |
| 2325 | 49976 | 0.03 | 6741.7 | 14:43:03 | 88 |
| 2350 | 49974.1 | 0.03 | 6741.8 | 14:44:04 | 88 |
| 2375 | 49977.6 | 0.03 | 6742.5 | 14:45:03 | 88 |
| 2400 | 49980.4 | 0.07 | 6741.9 | 14:46:06 | 88 |
| 2425 | 49976.9 | 0.03 | 6742.4 | 14:47:04 | 88 |
| 2450 | 49982.3 | 0.03 | 6743.2 | 14:49:09 | 88 |
| 2475 | 49978.9 | 0.03 | 6744 | 14:50:06 | 88 |
| 2500 | 49984.8 | 0.08 | 6744.5 | 14:51:05 | 88 |

Line 18+0 0N D ate 1-Jul-09 6 #155

| POSITIO | FIELD | ERR | DRIFT | TIME | DS CULT |
|---|---|---|---|---|---|
| -2500 | 49982.3 | 0.07 | 6744.5 | 14:52:23 | 88 |
| -2475 | 49992.5 | 0.04 | 6745.2 | 14:53:28 | 88 |
| -2450 | 49998.2 | 0.04 | 6745.8 | 14:54:24 | 88 |
| -2425 | 49987.4 | 0.05 | 6746 | 14:55:28 | 88 |
| -2400 | 49979.4 | 0.04 | 6746.4 | 14:56:50 | 88 |
| -2375 | 49980.5 | 0.04 | 6746.2 | 14:57:48 | 88 |
| -2350 | 49985.3 | 0.03 | 6745.6 | 14:59:44 | 88 |
| -2325 | 49989.3 | 0.04 | 6745.5 | 15:00:35 | 88 |
| -2300 | 49979.2 | 0.04 | 6745.2 | 15:01:38 | 88 |
| -2275 | 49977.2 | 0.03 | 6745 | 15:02:30 | 88 |
| -2250 | 49987.5 | 0.04 | 6745.3 | 15:03:40 | 88 |
| -2225 | 49993.6 | 0.03 | 6745.2 | 15:04:41 | 88 |
| -2200 | 50005.3 | 0.03 | 6745.1 | 15:05:43 | 88 |
| -2175 | 50000 | 0.03 | 6745.3 | 15:06:59 | 88 |
| -2150 | 50009.5 | 0.07 | 6745.5 | 15:07:58 | 88 |
| -2125 | 50020.4 | 0.05 | 6745.7 | 15:08:56 | 88 |
| -2100 | 50021.1 | 0.03 | 6746.2 | 15:10:49 | 88 |
| -2075 | 50023.4 | 0.04 | 6746.2 | 15:11:41 | 88 |
| -2050 | 50012.9 | 0.03 | 6745.6 | 15:12:40 | 88 |
| -2025 | 50030.2 | 0.03 | 6745.4 | 15:13:33 | 88 |
| -2000 | 50036.8 | 0.04 | 6745.6 | 15:18:38 | 88 |

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| Line 18+0 0N | D | ate | 3-Jul-96 | | #8 |
|---|---|---|---|---|---|
| POSITIO | FIELD | ERR | DRIFT | TIME | DS CULT |
| -2000 | 50082.4 | 0.07 | 6730.6 | 8:48:02 | 88 |
| -1975 | 49977.8 | 0.05 | 6731.3 | 8:49:15 | 88 |
| -1950 | 49960 | 0.04 | 6731.8 | 8:50:18 | 88 |
| -1925 | 50141 | 0.04 | 6732.5 | 8:53:13 | 88 |
| -1900 | 50043.3 | 0.05 | 6732.7 | 8:54:20 | 88 |
| -1875 | 50007.5 | 0.05 | 6732.9 | 8:55:21 | 88 |
| -1850 | 49979.3 | 0.04 | 6733.1 | 8:56:13 | 88 |
| -1825 | 49962.4 | 0.04 | 6733.5 | 8:57:13 | 88 |
| -1800 | 49925.5 | 0.04 | 6733.8 | 8:58:13 | 88 |
| -1775 | 49889.6 | 0.04 | 6733.9 | 8:59:28 | 88 |
| -1750 | 49879.5 | 0.04 | 6734.5 | 9:01:53 | 88 |
| -1725 | 49880.1 | 0.04 | 6735.6 | 9:05:45 | 88 |
| -1700 | 49844.8 | 0.04 | 6736 | 9:08:32 | 88 |
| Line 18+2 5N | D | ate | 3-Jul-96 | | #21 |
| POSITIO | FIELD | ERR | DRIFT | TIME | DS CULT |
| 1700 | 49813 | 0.04 | 6736.7 | 9:13:15 | 88 |
| 1725 | 49847.6 | 0.04 | 6737.3 | 9:16:41 | 88 |
| 1750 | 49859.3 | 0.04 | 6737.9 | 9:18:58 | 88 |
| 1775 | 49887.6 | 0.04 | 6738.4 | 9:23:16 | 88 |
| 1800 | 49912.9 | 0.05 | 6738.7 | 9:25:10 | 88 |
| 1825 | 49927.5 | 0.04 | 6738.7 | 9:28:02 | 88 |
| 1850 | 49967.4 | 0.05 | 6738.7 | 9:29:10 | 88 |
| 1875 | 49976.3 | 0.04 | 6738.6 | 9:30:19 | 88 |
| 1900 | 50062.7 | 0.04 | 6738.5 | 9:31:57 | 88 |
| 1925 | 50179.9 | 0.04 | 6738.1 | 9:36:45 | 88 |
| 1950 | 50003.2 | 0.06 | 6737.8 | 9:38:27 | 88 |
| 1975 | 49989.8 | 0.05 | 6737.4 | 9:40:21 | 88 |
| 2000 | 50033.4 | 0.07 | 6737.4 | 9:42:08 | 88 |
| 2025 | 50034.6 | 0.05 | 6737.4 | 9:43:32 | 88 |
| 2050 | 50080.5 | 0.08 | 6737.3 | 9:44:32 | 88 |
| 2075 | 50016.6 | 0.04 | 6737.3 | 9:47:12 | 88 |
| 2100 | 50010.3 | 0.04 | 6737 | 9:48:22 | 88 |
| 2125 | 50002.8 | 0.04 | 6736.9 | 9:49:28 | 88 |
| 2150 | 50005.7 | 0.04 | 6736.6 | 9:50:35 | 88 |
| 2175 | 49998.3 | 0.04 | 6736.4 | 9:51:49 | 88 |
| 2200 | 49990.4 | 0.04 | 6736 | 9:52:58 | 88 |
| 2225 | 50001.6 | 0.04 | 6735.8 | 9:53:53 | 88 |
| 2250 | 49980 | 0.05 | 6735.6 | 9:55:00 | 88 |
| 2275 | 49995 | 0.04 | 6735.6 | 9:55:56 | 88 |
| 2300 | 49986.8 | 0.04 | 6735.5 | 9:57:03 | 88 |
| 2325 | 49973.6 | 0.05 | 6735.5 | 9:58:00 | 88 |
| 2350 | 49973.2 | 0.04 | 6735.5 | 9:59:50 | 88 |
| 2375 | 49972.3 | 0.04 | 6735.4 1 | 0:00:53 | 88 |
| 2400 | 49981.6 | 0.04 | 6735.5 1 | 0:01:59 | 88 |
| 2425 | 49980.2 | 0.09 | 6735.6 1 | 0:02:57 | 88 |
| 2450 | 49983 | 0.04 | 6735.7 1 | 0:03:59 | 88 |
| 2475 | 49989.1 | 0.04 | 6735.8 1 | 0:04:57 | 88 |
| 2500 | 49984.6 | 0.04 | 6736.0 1 | 0:06:01 | 88 |
| Line 18+5 0N | D | ate | 3-Jul-96 | | #54 |

| POSITIO | FIELD | ERR | DRIFT | | TIME | DS | CULT |
|---|---|---|---|---|---|---|---|
| -2500 | 50012.6 | 0.04 | 6735.9 | 1 | 0:06:59 | | 88 |
| -2475 | 50008.4 | 0.04 | 6735.4 | 1 | 0:08:05 | | 88 |
| -2450 | 50018.2 | 0.04 | 6735.2 | 1 | 0:09:06 | | 88 |
| -2425 | 49998.7 | 0.07 | 6735.2 | 1 | 0:10:15 | | 88 |
| -2400 | 49980.9 | 0.08 | 6735.4 | 1 | 0:11:07 | | 88 |
| -2375 | 50001.7 | 0.04 | 6735.6 | 1 | 0:12:09 | | 88 |
| -2350 | 49988.7 | 0.04 | 6735.6 | 1 | 0:13:08 | | 88 |
| -2325 | 50002.1 | 0.04 | 6735.5 | 1 | 0:15:04 | | 88 |
| -2300 | 49990.4 | 0.05 | 6735.2 | 1 | 0:15:56 | | 88 |
| -2275 | 49982.8 | 0.04 | 6735.1 | 1 | 0:16:51 | | 88 |
| -2250 | 49993.3 | 0.04 | 6735.0 | 1 | 0:17:52 | | 88 |
| -2225 | 50002.2 | 0.04 | 6735.0 | 1 | 0:18:44 | | 88 |
| -2200 | 50005.9 | 0.04 | 6734.7 | 1 | 0:19:39 | | 88 |
| -2175 | 50007.3 | 0.05 | 6734.3 | 1 | 0:20:40 | | 88 |
| -2150 | 50014.1 | 0.04 | 6734.1 | 1 | 0:21:35 | | 88 |
| -2125 | 50021.6 | 0.04 | 6734.1 | 1 | 0:22:28 | | 88 |
| -2100 | 50002 | 0.07 | 6733.9 | 1 | 0:23:26 | | 88 |
| -2075 | 50020.3 | 0.04 | 6734.2 | 1 | 0:25:32 | | 88 |
| -2050 | 50025.8 | 0.03 | 6734.4 | 1 | 0:27:24 | | 88 |
| -2025 | 50012.6 | 0.04 | 6734.3 | 1 | 0:28:40 | | 88 |
| -2000 | 49962.1 | 0.12 | 6734.2 | 1 | 0:29:54 | 88 | TRENCH-84 |
| -1825 | 49934.8 | 0.04 | 6733.1 | 1 | 0:46:36 | | 88 |
| -1800 | 49895.5 | 0.04 | 6732.6 | 1 | 0:47:43 | | 88 |

Line 18+7 5N D ate 3-Jul-96 #79

| POSITIO | FIELD | ERR | DRIFT | | TIME | DS | CULT |
|---|---|---|---|---|---|---|---|
| 1800 | 49908 | 0.04 | 6732.0 | 1 | 0:53:05 | | 88 |
| 1825 | 49902.9 | 0.04 | 6733.2 | 1 | 0:56:29 | | 88 |
| 1850 | 49943.1 | 0.04 | 6733.3 | 1 | 0:57:49 | | 88 |
| 1875 | 49978.7 | 0.04 | 6733.6 | 1 | 0:59:44 | | 88 |
| 1900 | 50086.5 | 0.04 | 6730.9 | 1 | 1:13:38 | | 88 |
| 1925 | 50012.8 | 0.05 | 6731.0 | 1 | 1:15:22 | | 88 |
| 1950 | 49970.6 | 0.04 | 6730.7 | 1 | 1:17:11 | | 88 |
| 1975 | 50149.9 | 0.06 | 6730.5 | 1 | 1:18:55 | | 88 |
| 2000 | 49903.5 | 0.07 | 6730.2 | 1 | 1:19:54 | 88 | DDH96 #1 SITE |
| 2025 | 49983 | 0.04 | 6729.0 | 1 | 1:23:05 | | 88 |
| 2050 | 50003.7 | 0.04 | 6729.7 | 1 | 1:25:15 | | 88 |
| 2075 | 50031 | 0.03 | 6729.9 | 1 | 1:26:22 | | 88 |
| 2100 | 49996.6 | 0.05 | 6729.7 | 1 | 1:27:40 | | 88 |
| 2125 | 49986.4 | 0.03 | 6729.1 | 1 | 1:29:11 | | 88 |
| 2150 | 49983.9 | 0.04 | 6728.6 | 1 | 1:30:13 | | 88 |
| 2175 | 49986.3 | 0.03 | 6728.4 | 1 | 1:31:12 | | 88 |
| 2200 | 49974.8 | 0.04 | 6728.7 | 1 | 1:32:15 | | 88 |
| 2225 | 49972.2 | 0.04 | 6728.8 | 1 | 1:33:18 | | 88 |
| 2250 | 49972.3 | 0.04 | 6728.8 | 1 | 1:34:25 | | 88 |
| 2275 | 49970.4 | 0.04 | 6728.8 | 1 | 1:35:22 | | 88 |
| 2300 | 49988.7 | 0.03 | 6728.5 | 1 | 1:36:29 | | 88 |
| 2325 | 49975.8 | 0.04 | 6728.0 | 1 | 1:37:25 | | 88 |
| 2350 | 49972.9 | 0.04 | 6727.7 | 1 | 1:38:30 | | 88 |
| 2375 | 49977.2 | 0.04 | 6727.6 | 1 | 1:39:26 | | 88 |
| 2400 | 49993 | 0.06 | 6727.4 | 1 | 1:40:30 | | 88 |

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|---|---|---|---|---|---|---|
| 2425 | 49980.4 | 0.04 | 6727.3 | 1 | 1:41:28 | 88 |
| 2450 | 49981.9 | 0.04 | 6726.9 | 1 | 1:42:31 | 88 |
| 2475 | 49979.6 | 0.05 | 6726.8 | 1 | 1:43:31 | 88 |
| 2500 | 49983.8 | 0.04 | 6726.9 | 1 | 1:44:33 | 88 |
| Line 19+0 | 0N D | ate | 3-Jul-96 | | | #108 |
| POSITIO | FIELD | ERR | DRIFT | | TIME | DS CULT |
| -2500 | 49983.9 | 0.04 | 6727.2 | 1 | 1:45:36 | 88 |
| -2475 | 49988.2 | 0.05 | 6727.6 | 1 | 1:46:50 | 88 |
| -2450 | 49989.5 | 0.03 | 6728.1 | 1 | 1:47:50 | 88 |
| -2425 | 49999.8 | 0.19 | 6728.3 | 1 | 1:48:48 | 88 |
| -2400 | 49987.2 | 0.09 | 6728.2 | 1 | 1:49:45 | 88 |
| -2375 | 49983.2 | 0.04 | 6728.0 | 1 | 1:50:44 | 88 |
| -2350 | 49992.1 | 0.03 | 6727.8 | 1 | 1:51:43 | 88 |
| -2325 | 49989.4 | 0.03 | 6727.7 | 1 | 1:52:38 | 88 |
| -2300 | 49993.5 | 0.03 | 6727.7 | 1 | 1:53:34 | 88 |
| -2275 | 49992 | 0.03 | 6727.9 | 1 | 1:54:31 | 88 |
| -2250 | 49997.4 | 0.04 | 6728.0 | 1 | 1:55:28 | 88 |
| -2225 | 49995.3 | 0.04 | 6728.1 | 1 | 1:56:24 | 88 |
| -2200 | 49997.2 | 0.04 | 6728.1 | 1 | 1:57:20 | 88 |
| -2175 | 50007.5 | 0.05 | 6728.1 | 1 | 1:58:16 | 88 |
| -2150 | 50003.9 | 0.04 | 6728.1 | 1 | 1:59:14 | 88 |
| -2125 | 50002.6 | 0.36 | 6728.0 | 1 | 2:00:14 | 88 |
| -2100 | 49993.2 | 0.03 | 6728.0 | 1 | 2:01:42 | 88 |
| -2075 | 50021 | 0.04 | 6728.2 | 1 | 2:06:01 | 88 |
| -2050 | 50010.1 | 0.04 | 6728.4 | 1 | 2:07:22 | 88 |
| -2025 | 49985.5 | 0.05 | 6729.0 | 1 | 2:08:40 | 88 |
| -2000 | 49827.6 | 0.05 | 6728.8 | 1 | 2:10:52 | 88 |
| -1975 | 51542 | 0.3 | 6728.3 | 1 | 2:13:47 | 88 |
| -1950 | 50007.8 | 0.06 | 6729.0 | 1 | 2:19:41 | 88 |
| -1925 | 50006.9 | 0.04 | 6728.5 | 1 | 2:29:12 | 88 |
| -1900 | 50037.6 | 0.08 | 6727.4 | 1 | 2:31:41 | 88 |
| Line 19+2 | 5N D | ate | 3-Jul-96 | | | #133 |
| POSITIO | FIELD | ERR | DRIFT | | TIME | DS CULT |
| 1900 | 49960.3 | 0.04 | 6725.8 | 1 | 2:42:23 | 88 |
| 1925 | 49982.7 | 0.04 | 6726.4 | 1 | 2:44:24 | 88 |
| 1950 | 50048.2 | 0.04 | 6726.6 | 1 | 2:45:43 | 88 |
| 1975 | 50786.9 | 0.05 | 6726.5 | 1 | 2:47:19 | 88 TRENCH 49 |
| 2000 | 49963.7 | 0.05 | 6726.4 | 1 | 2:50:52 | 88 DDH96 #2 SITE |
| 2025 | 49929.8 | 0.04 | 6727.1 | 1 | 2:53:28 | 88 |
| 2050 | 49985.3 | 0.04 | 6727.7 | 1 | 2:55:52 | 88 |
| 2075 | 50002 | 0.04 | 6727.2 | 1 | 2:58:49 | 88 |
| 2100 | 50009.1 | 0.04 | 6726.9 | 1 | 3:00:00 | 88 |
| 2125 | 50014.4 | 0.03 | 6727.1 | 1 | 3:04:44 | 88 |
| 2150 | 50008 | 0.04 | 6727.4 | 1 | 3:05:36 | 88 |
| 2175 | 49985.4 | 0.04 | 6727.5 | 1 | 3:07:04 | 88 |
| 2200 | 49988.9 | 0.03 | 6727.5 | 1 | 3:08:01 | 88 |
| 2225 | 49983.9 | 0.04 | 6727.5 | 1 | 3:08:58 | 88 |
| 2250 | 49981.9 | 0.03 | 6727.8 | 1 | 3:09:54 | 88 |
| 2275 | 49967.7 | 0.04 | 6727.8 | 1 | 3:10:50 | 88 |
| 2300 | 49975.4 | 0.04 | 6727.7 | 1 | 3:11:49 | 88 |
| 2325 | 49984.7 | 0.04 | 6727.7 | 1 | 3:12:46 | 88 |

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|---|---|---|---|---|---|---|---|
| 2350 | 49971.9 | 0.04 | 6727.3 | 1 | 3:13:55 | | 88 |
| 2375 | 49981.1 | 0.03 | 6727.4 | 1 | 3:14:52 | | 88 |
| 2400 | 49968.4 | 0.04 | 6727.5 | 1 | 3:15:50 | | 88 |
| 2425 | 49980.3 | 0.04 | 6727.5 | 1 | 3:16:46 | | 88 |
| 2450 | 49974.3 | 0.04 | 6727.2 | 1 | 3:17:47 | | 88 |
| 2475 | 49985.4 | 0.04 | 6727.1 | 1 | 3:18:42 | | 88 |
| 2500 | 49979.4 | 0.03 | 6727.2 | 1 | 3:19:43 | | 88 |
| Line 19+5 | 0N D | ate | | 3-Jul-96 | | #158 | |
| POSITIO | FIELD | ERR | | DRIFT | TIME | DS | CULT |
| -2500 | 49985.7 | 0.04 | 6727.1 | 1 | 3:20:48 | | 88 |
| -2475 | 49980.5 | 0.04 | 6727.1 | 1 | 3:22:13 | | 88 |
| -2450 | 49986.8 | 0.04 | 6727.1 | 1 | 3:23:14 | | 88 |
| -2425 | 49987 | 0.04 | 6726.8 | 1 | 3:24:10 | | 88 |
| -2400 | 49995.2 | 0.04 | 6726.5 | 1 | 3:25:08 | | 88 |
| -2375 | 49992.2 | 0.04 | 6726.1 | 1 | 3:26:04 | | 88 |
| -2350 | 49984 | 0.04 | 6725.9 | 1 | 3:27:02 | | 88 |
| -2325 | 49982.5 | 0.04 | 6726.2 | 1 | 3:28:00 | | 88 |
| -2300 | 49994.4 | 0.04 | 6726.3 | 1 | 3:28:58 | | 88 |
| -2275 | 49989.3 | 0.04 | 6726.3 | 1 | 3:29:54 | | 88 |
| -2250 | 49990.5 | 0.04 | 6726.3 | 1 | 3:30:57 | | 88 |
| -2225 | 50002.5 | 0.05 | 6726.0 | 1 | 3:31:55 | | 88 |
| -2200 | 49988.9 | 0.03 | 6725.5 | 1 | 3:32:55 | | 88 |
| -2175 | 49989.2 | 0.04 | 6725.4 | 1 | 3:33:56 | | 88 |
| -2150 | 50036.9 | 0.03 | 6724.9 | 1 | 3:34:56 | | 88 |
| -2125 | 50014.4 | 0.04 | 6724.3 | 1 | 3:36:01 | | 88 |
| -2100 | 50044.1 | 0.04 | 6725.7 | 1 | 3:39:50 | | 88 |
| -2075 | 50026.1 | 0.04 | 6724.3 | 1 | 3:47:31 | | 88 |
| -2050 | 50020.9 | 0.04 | 6722.8 | 1 | 3:52:35 | | 88 |
| -2025 | 49970.6 | 0.57 | 6724.1 | 1 | 3:54:44 | | 88 |
| -2000 | 49999.6 | 0.03 | 6724.3 | 1 | 3:56:16 | 88 | TRENCH-43? |
| -1975 | 50180.9 | 0.04 | 6723.0 | 1 | 4:02:30 | | 88 |
| -1950 | 50010.4 | 0.05 | 6722.9 | 1 | 4:05:05 | | 88 |
| -1925 | 50009.4 | 0.04 | 6723.0 | 1 | 4:06:36 | | 88 |
| -1900 | 49997.7 | 0.03 | 6723.4 | 1 | 4:08:42 | | 88 |
| Line 19+7 | 5N D | ate | | 3-Jul-96 | | #184 | |
| POSITIO | FIELD | ERR | | DRIFT | TIME | DS | CULT |
| 1900 | 49983.6 | 0.04 | 6726.0 | 1 | 4:12:26 | | 88 |
| 1925 | 49996.9 | 0.04 | 6726.2 | 1 | 4:15:32 | | 88 |
| 1950 | 50035.1 | 0.04 | 6725.9 | 1 | 4:16:38 | | 88 |
| 1975 | 50345.7 | 0.03 | 6725.9 | 1 | 4:18:04 | | 88 |
| 2000 | 50009.6 | 0.05 | 6726.4 | 1 | 4:19:16 | | 88 |
| 2025 | 49954 | 0.04 | 6727.0 | 1 | 4:23:39 | | 88 |
| 2050 | 49999.3 | 0.05 | 6727.3 | 1 | 4:24:32 | | 88 |
| 2075 | 50023.4 | 0.04 | 6727.1 | 1 | 4:25:28 | | 88 |
| 2100 | 50040.4 | 0.06 | 6726.9 | 1 | 4:27:09 | | 88 |
| 2125 | 50024.7 | 0.05 | 6727.6 | 1 | 4:28:41 | | 88 |
| 2150 | 49986.5 | 0.06 | 6727.9 | 1 | 4:29:44 | | 88 |
| 2175 | 49984.2 | 0.04 | 6727.7 | 1 | 4:30:35 | | 88 |
| 2200 | 49983.4 | 0.04 | 6727.4 | 1 | 4:31:27 | | 88 |
| 2225 | 49980 | 0.04 | 6727.6 | 1 | 4:32:22 | | 88 |
| 2250 | 49983.9 | 0.04 | 6727.6 | 1 | 4:33:22 | | 88 |

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|---|---|---|---|---|---|---|
| 2275 | 49978.2 | 0.04 | 6727.5 | 1 | 4:34:17 | 88 |
| 2300 | 49974.2 | 0.03 | 6727.6 | 1 | 4:35:14 | 88 |
| 2325 | 49985.4 | 0.04 | 6727.2 | 1 | 4:36:11 | 88 |
| 2350 | 49973.7 | 0.04 | 6727.6 | 1 | 4:37:10 | 88 |
| 2375 | 49978.7 | 0.03 | 6727.1 | 1 | 4:38:04 | 88 |
| 2400 | 49993.1 | 0.04 | 6726.9 | 1 | 4:39:00 | 88 |
| 2425 | 49987.6 | 0.04 | 6726.8 | 1 | 4:39:54 | 88 |
| 2450 | 49977.5 | 0.04 | 6726.0 | 1 | 4:40:51 | 88 |
| 2475 | 49980.8 | 0.04 | 6725.6 | 1 | 4:41:45 | 88 |
| 2500 | 49978.9 | 0.04 | 6725.0 | 1 | 4:42:44 | 88 |

| Line 20+0 | 0N | D | ate | | 3-Jul-96 | | #209 | |
|---|---|---|---|---|---|---|---|---|
| POSITIO | FIELD | ERR | | DRIFT | | TIME | DS | CULT |
| -2500 | 49999.2 | 0.04 | 6725.0 | 1 | 4:43:41 | 88 | | |
| -2475 | 49992.8 | 0.04 | 6726.7 | 1 | 4:45:22 | 88 | | |
| -2450 | 49980.7 | 0.04 | 6728.3 | 1 | 4:46:32 | 88 | | |
| -2425 | 50001.7 | 0.04 | 6729.2 | 1 | 4:47:31 | 88 | | |
| -2400 | 49995.7 | 0.05 | 6729.8 | 1 | 4:48:31 | 88 | | |
| -2375 | 49988.3 | 0.04 | 6730.2 | 1 | 4:49:32 | 88 | | |
| -2350 | 49987.1 | 0.03 | 6730.1 | 1 | 4:50:30 | 88 | | |
| -2325 | 49983.2 | 0.04 | 6729.8 | 1 | 4:51:29 | 88 | | |
| -2300 | 49992.1 | 0.03 | 6729.7 | 1 | 4:52:32 | 88 | | |
| -2275 | 49992.9 | 0.03 | 6729.7 | 1 | 4:53:34 | 88 | | |
| -2250 | 49990.7 | 0.03 | 6729.7 | 1 | 4:54:34 | 88 | | |
| -2225 | 50014.5 | 0.04 | 6729.4 | 1 | 4:55:37 | 88 | | |
| -2200 | 49987.9 | 0.04 | 6729.3 | 1 | 4:56:38 | 88 | | |
| -2175 | 49989.2 | 0.04 | 6729.8 | 1 | 4:57:48 | 88 | | |
| -2150 | 50036.1 | 0.04 | 6730.3 | 1 | 4:59:04 | 88 | | |
| -2125 | 50053.9 | 0.04 | 6730.4 | 1 | 5:00:45 | 88 | | |
| -2100 | 50095.6 | 0.04 | 6729.5 | 1 | 5:05:12 | 88 | | |
| -2075 | 50021.1 | 0.04 | 6730.6 | 1 | 5:11:22 | 88 | | |
| -2050 | 50033.2 | 0.06 | 6730.4 | 1 | 5:13:45 | 88 | | |
| -2025 | 49981.5 | 0.03 | 6730.2 | 1 | 5:17:27 | 88 | | |
| -2000 | 50055 | 0.05 | 6730.1 | 1 | 5:18:36 | 88 | | |
| -1975 | 50208.6 | 0.04 | 6730.6 | 1 | 5:19:58 | 88 | | |
| -1950 | 50050.9 | 0.04 | 6731.3 | 1 | 5:20:55 | 88 | | |
| -1925 | 50033.9 | 0.03 | 6731.5 | 1 | 5:21:55 | 88 | | |
| -1900 | 50017.5 | 0.04 | 6731.3 | 1 | 5:22:57 | 88 | | |

| Line 20+2 | 5N | D | ate | | 3-Jul-96 | | #234 | |
|---|---|---|---|---|---|---|---|---|
| POSITIO | FIELD | ERR | | DRIFT | | TIME | DS | CULT |
| 1900 | 50009.5 | 0.04 | 6731.7 | 1 | 5:29:11 | 88 | | |
| 1925 | 50024.9 | 0.04 | 6732.6 | 1 | 5:30:46 | 88 | | |
| 1950 | 50147.7 | 0.04 | 6732.7 | 1 | 5:32:24 | 88 | | |
| 1975 | 49913.5 | 0.05 | 6732.8 | 1 | 5:33:40 | 88 | DDH96 | #3 SITE & DRILL |
| 2000 | 49991.8 | 0.04 | 6736.0 | 1 | 5:52:40 | 88 | | |

| Line 16+0 | 0N | D | ate | 6-Jul-96 | | #1 |
|---|---|---|---|---|---|---|
| POSITIO | FIELD | ERR | | DRIFT | TIME | DS CULT |
| 1700 | 49959.2 | | 0.04 | 6723.9 | 8:55:12 | 88 |
| 1725 | 49975 | | 0.04 | 6724.3 | 8:57:01 | 88 |
| 1750 | 49976.9 | | 0.04 | 6724.7 | 8:57:49 | 88 |
| 1775 | 49993.4 | | 0.04 | 6724.8 | 8:58:35 | 88 |
| 1800 | 49981.4 | | 0.04 | 6724.9 | 8:59:26 | 88 |
| 1825 | 49990.9 | | 0.04 | 6725.1 | 9:00:18 | 88 |
| 1850 | 49991.1 | | 0.06 | 6725.2 | 9:01:18 | 88 |
| 1875 | 49998 | | 0.04 | 6725.4 | 9:02:12 | 88 |
| 1900 | 49999.8 | | 0.04 | 6725.5 | 9:03:09 | 88 |
| 1925 | 49998.2 | | 0.04 | 6725.5 | 9:04:03 | 88 |
| 1950 | 50001.7 | | 0.04 | 6725.9 | 9:05:03 | 88 |
| 1975 | 50007.8 | | 0.04 | 6725.8 | 9:06:02 | 88 |
| 2000 | 50010.5 | | 0.04 | 6725.8 | 9:06:55 | 88 |
| 2025 | 50022.1 | | 0.04 | 6726 | 9:07:48 | 88 |
| 2050 | 50022.9 | | 0.04 | 6726.2 | 9:08:50 | 88 |
| 2075 | 50024.6 | | 0.04 | 6726.3 | 9:09:40 | 88 |
| 2100 | 50026.9 | | 0.04 | 6726.5 | 9:10:43 | 88 |
| 2125 | 50017 | | 0.04 | 6726.6 | 9:11:42 | 88 |
| 2150 | 50029.5 | | 0.04 | 6726.8 | 9:12:36 | 88 |
| 2175 | 50027.2 | | 0.03 | 6727 | 9:13:28 | 88 |
| 2200 | 50024.6 | | 0.04 | 6726.9 | 9:14:27 | 88 |
| 2225 | 50013.7 | | 0.04 | 6727 | 9:15:18 | 88 |
| 2250 | 50024.7 | | 0.04 | 6727.5 | 9:16:17 | 88 |
| 2275 | 50006.7 | | 0.04 | 6727.8 | 9:17:10 | 88 |
| 2300 | 50015.8 | | 0.04 | 6727.8 | 9:18:07 | 88 |
| 2325 | 50010.9 | | 0.04 | 6727.7 | 9:18:59 | 88 |
| 2350 | 50016.8 | | 0.04 | 6727.9 | 9:19:58 | 88 |
| 2375 | 50013.1 | | 0.04 | 6727.9 | 9:20:47 | 88 |
| 2400 | 50025.9 | | 0.03 | 6728.1 | 9:21:46 | 88 |
| 2425 | 50008.8 | | 0.03 | 6728.2 | 9:22:36 | 88 |
| 2450 | 50013.5 | | 0.05 | 6728.2 | 9:23:35 | 88 |
| 2475 | 50018.1 | | 0.03 | 6728.2 | 9:24:25 | 88 |
| 2500 | 50027.9 | | 0.03 | 6728.1 | 9:25:28 | 88 |
| Line 16+2 | 5N | D | ate | 6-Jul-96 | | #34 |
| POSITIO | FIELD | ERR | | DRIFT | TIME | DS CULT |
| -2500 | 50019.8 | | 0.04 | 6728.2 | 9:29:20 | 88 |
| -2475 | 50021.1 | | 0.03 | 6728.3 | 9:30:41 | 88 |
| -2450 | 50017.2 | | 0.04 | 6728.4 | 9:31:28 | 88 |
| -2425 | 50030.5 | | 0.04 | 6728.3 | 9:32:16 | 88 |
| -2400 | 50020.9 | | 0.04 | 6728.1 | 9:33:05 | 88 |
| -2375 | 50026.7 | | 0.04 | 6728 | 9:33:53 | 88 |
| -2350 | 50021.6 | | 0.03 | 6728 | 9:34:42 | 88 |
| -2325 | 50021.2 | | 0.04 | 6727.9 | 9:35:32 | 88 |
| -2300 | 50030 | | 0.04 | 6727.7 | 9:36:20 | 88 |
| -2275 | 50022.4 | | 0.04 | 6727.6 | 9:37:08 | 88 |
| -2250 | 50026.4 | | 0.03 | 6727.6 | 9:37:56 | 88 |
| -2225 | 50030.8 | | 0.04 | 6727.7 | 9:38:45 | 88 |
| -2200 | 50032.6 | | 0.03 | 6727.5 | 9:39:35 | 88 |
| -2175 | 50032.4 | | 0.03 | 6727.5 | 9:40:23 | 88 |

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|---|---|---|---|---|---|
| -2150 | 50042.2 | 0.04 | 6727.7 | 9:41:11 | 88 |
| -2125 | 50035.2 | 0.03 | 6727.8 | 9:41:57 | 88 |
| -2100 | 50032.6 | 0.03 | 6727.9 | 9:42:41 | 88 |
| -2075 | 50032.5 | 0.04 | 6727.7 | 9:43:29 | 88 |
| -2050 | 50034.7 | 0.04 | 6727.3 | 9:44:15 | 88 |
| -2025 | 50033.3 | 0.03 | 6727.2 | 9:45:01 | 88 |
| -2000 | 50025.9 | 0.04 | 6727.6 | 9:45:51 | 88 |
| -1975 | 50020.6 | 0.04 | 6727.4 | 9:47:05 | 88 |
| -1950 | 50016.6 | 0.05 | 6727.4 | 9:47:55 | 88 |
| -1925 | 50021 | 0.04 | 6727.3 | 9:48:44 | 88 |
| -1900 | 50016.8 | 0.04 | 6727.3 | 9:49:30 | 88 |
| -1875 | 50005.4 | 0.03 | 6727.4 | 9:50:18 | 88 |
| -1850 | 49980.2 | 0.08 | 6727.2 | 9:51:12 | 88 |
| -1825 | 50006.4 | 0.04 | 6727.4 | 9:51:58 | 88 |
| -1800 | 49967.6 | 0.04 | 6727.2 | 9:52:48 | 88 |
| -1775 | 49985 | 0.03 | 6727.4 | 9:53:40 | 88 |
| -1750 | 49984.4 | 0.04 | 6727.6 | 9:54:30 | 88 |
| -1725 | 49974.9 | 0.04 | 6727.7 | 9:55:16 | 88 |
| -1700 | 49968.4 | 0.04 | 6727.8 | 9:56:09 | 88 |
| Line 16+5 | 0N D | ate | 6-Jul-96 | | #67 |
| POSITIO | FIELD | ERR | DRIFT | TIME | DS CULT |
| 1700 | 49947.2 | 0.04 | 6727.5 | 9:57:49 | 88 |
| 1725 | 49949.2 | 0.04 | 6727.5 | 9:58:59 | 88 |
| 1750 | 49962.4 | 0.04 | 6727.1 | 9:59:46 | 88 |
| 1775 | 49970.2 | 0.04 | 6727.0 1 | 0:00:32 | 88 |
| 1800 | 49985.2 | 0.04 | 6726.8 1 | 0:02:03 | 88 |
| 1825 | 49995 | 0.03 | 6726.6 1 | 0:02:58 | 88 |
| 1850 | 49986.6 | 0.04 | 6726.5 1 | 0:03:57 | 88 |
| 1875 | 50004.7 | 0.05 | 6726.4 1 | 0:04:48 | 88 |
| 1900 | 49999 | 0.04 | 6726.6 1 | 0:05:48 | 88 |
| 1925 | 50009.8 | 0.04 | 6726.7 1 | 0:06:43 | 88 |
| 1950 | 50008.7 | 0.04 | 6726.9 1 | 0:07:39 | 88 |
| 1975 | 50010 | 0.04 | 6726.9 1 | 0:08:32 | 88 |
| 2000 | 50019 | 0.04 | 6726.7 1 | 0:09:31 | 88 |
| 2025 | 50014.8 | 0.04 | 6726.9 1 | 0:10:23 | 88 |
| 2050 | 50026.1 | 0.04 | 6726.6 1 | 0:11:21 | 88 |
| 2075 | 50026.1 | 0.03 | 6726.2 1 | 0:12:13 | 88 |
| 2100 | 50027.6 | 0.04 | 6725.9 1 | 0:13:08 | 88 |
| 2125 | 50026.4 | 0.03 | 6725.9 1 | 0:13:59 | 88 |
| 2150 | 50026.3 | 0.04 | 6725.8 1 | 0:14:54 | 88 |
| 2175 | 50021.1 | 0.04 | 6725.5 1 | 0:15:47 | 88 |
| 2200 | 50009.8 | 0.04 | 6725.4 1 | 0:16:43 | 88 |
| 2225 | 50019.5 | 0.04 | 6725.1 1 | 0:17:35 | 88 |
| 2250 | 50010.2 | 0.03 | 6724.7 1 | 0:18:27 | 88 |
| 2275 | 50006 | 0.04 | 6724.8 1 | 0:19:18 | 88 |
| 2300 | 50013.3 | 0.05 | 6724.7 1 | 0:20:11 | 88 |
| 2325 | 50010.3 | 0.03 | 6724.6 1 | 0:21:02 | 88 |
| 2350 | 50003.1 | 0.04 | 6724.5 1 | 0:21:56 | 88 |
| 2375 | 50005.4 | 0.04 | 6724.4 1 | 0:22:46 | 88 |
| 2400 | 50001.9 | 0.05 | 6724.5 1 | 0:23:39 | 88 |
| 2425 | 50007.6 | 0.03 | 6724.4 1 | 0:24:31 | 88 |

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|---|---|---|---|---|---|---|
| 2450 | 50001.5 | 0.04 | 6724.5 | 1 | 0:25:25 | 88 |
| 2475 | 50010.9 | 0.04 | 6724.7 | 1 | 0:26:14 | 88 |
| 2500 | 50003.8 | 0.03 | 6724.9 | 1 | 0:27:08 | 88 |
| Line 16+7 | 5N D | ate | 6-Jul-96 | | | #100 |
| POSITIO | FIELD | ERR | DRIFT | | TIME | DS CULT |
| -2500 | 50016.2 | 0.06 | 6724.7 | 1 | 0:28:06 | 88 |
| -2475 | 50016.4 | 0.03 | 6724.7 | 1 | 0:30:11 | 88 |
| -2450 | 50013.8 | 0.04 | 6725.1 | 1 | 0:31:03 | 88 |
| -2425 | 50012.2 | 0.04 | 6724.9 | 1 | 0:31:58 | 88 |
| -2400 | 50011.6 | 0.04 | 6725.0 | 1 | 0:32:44 | 88 |
| -2375 | 50015.9 | 0.03 | 6725.1 | 1 | 0:33:33 | 88 |
| -2350 | 50005.5 | 0.05 | 6725.0 | 1 | 0:34:21 | 88 |
| -2325 | 50013.6 | 0.05 | 6725.1 | 1 | 0:35:09 | 88 |
| -2300 | 50009.5 | 0.04 | 6725.1 | 1 | 0:35:57 | 88 |
| -2275 | 50017.1 | 0.04 | 6725.0 | 1 | 0:36:44 | 88 |
| -2250 | 49998.9 | 0.03 | 6724.9 | 1 | 0:37:32 | 88 |
| -2225 | 50025.1 | 0.04 | 6724.8 | 1 | 0:38:27 | 88 |
| -2200 | 50027.2 | 0.04 | 6724.5 | 1 | 0:39:11 | 88 |
| -2175 | 50034.5 | 0.03 | 6724.3 | 1 | 0:40:05 | 88 |
| -2150 | 50034.7 | 0.03 | 6724.3 | 1 | 0:40:49 | 88 |
| -2125 | 50035.4 | 0.03 | 6724.4 | 1 | 0:41:36 | 88 |
| -2100 | 50033.5 | 0.03 | 6724.5 | 1 | 0:42:25 | 88 |
| -2075 | 50037.8 | 0.03 | 6724.3 | 1 | 0:43:13 | 88 |
| -2050 | 50024 | 0.13 | 6724.3 | 1 | 0:44:03 | 88 |
| -2025 | 50034.4 | 0.04 | 6724.2 | 1 | 0:44:53 | 88 |
| -2000 | 50025.4 | 0.04 | 6723.9 | 1 | 0:45:40 | 88 |
| -1975 | 50027.4 | 0.04 | 6723.7 | 1 | 0:46:31 | 88 |
| -1950 | 50012.8 | 0.04 | 6723.8 | 1 | 0:47:19 | 88 |
| -1925 | 50018 | 0.03 | 6723.9 | 1 | 0:48:08 | 88 |
| -1900 | 49997.8 | 0.05 | 6723.8 | 1 | 0:48:55 | 88 |
| -1875 | 50015.1 | 0.04 | 6723.5 | 1 | 0:49:41 | 88 |
| -1850 | 49981.1 | 0.06 | 6723.4 | 1 | 0:50:31 | 88 |
| -1825 | 50004.2 | 0.04 | 6723.4 | 1 | 0:51:35 | 88 |
| -1800 | 49977.4 | 0.17 | 6723.4 | 1 | 0:52:27 | 88 |
| -1775 | 49990.6 | 0.04 | 6723.2 | 1 | 0:53:20 | 88 |
| -1750 | 49972.6 | 0.03 | 6723.1 | 1 | 0:54:11 | 88 |
| -1725 | 49954.9 | 0.03 | 6723.0 | 1 | 0:54:59 | 88 |
| -1700 | 49930.4 | 0.04 | 6723.0 | 1 | 0:55:45 | 88 |
| Line 19+0 | 0N D | ate | 6-Jul-96 | | | #133 |
| POSITIO | FIELD | ERR | DRIFT | | TIME | DS CULT |
| 1825 | 49917.9 | 0.04 | 6721.6 | 1 | 1:18:37 | 88 |
| 1850 | 49926.3 | 0.03 | 6721.4 | 1 | 1:19:56 | 88 |
| 1875 | 49947.9 | 0.04 | 6721.3 | 1 | 1:20:59 | 88 |
| Line 19+2 | 5N D | ate | 6-Jul-96 | | | #136 |
| POSITIO | FIELD | ERR | DRIFT | | TIME | DS CULT |
| -1875 | 49987.1 | 0.05 | 6720.8 | 1 | 1:23:34 | 88 |
| -1850 | 49926.2 | 0.04 | 6720.5 | 1 | 1:24:42 | 88 |
| -1825 | 49906.8 | 0.04 | 6720.3 | 1 | 1:25:35 | 88 |
| Line 19+5 | 0N D | ate | 6-Jul-96 | | | #139 |
| POSITIO | FIELD | ERR | DRIFT | | TIME | DS CULT |
| 1825 | 49908 | 0.04 | 6720.0 | 1 | 1:28:08 | 88 |

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|---|---|---|---|---|---|---|---|
| 1850 | 49934 | | 0.06 | 6720.0 | 1 | 1:29:06 | 88 |
| 1875 | 49941.3 | | 0.04 | 6719.9 | 1 | 1:30:24 | 88 |
| Line 19+7 | 5N | D | ate | | 6-Jul-96 | | #142 |
| POSITIO | FIELD | | ERR | | DRIFT | TIME | DS CULT |
| -1875 | 49995.6 | | 0.25 | 6719.5 | 1 | 1:32:14 | 88 |
| -1850 | 49973.1 | | 0.09 | 6719.0 | 1 | 1:34:39 | 88 |
| Line 20+0 | 0N | D | ate | | 6-Jul-96 | | #144 |
| POSITIO | FIELD | | ERR | | DRIFT | TIME | DS CULT |
| 1850 | 49949.2 | | 0.04 | 6719.0 | 1 | 1:37:08 | 88 |
| 1875 | 50018.3 | | 0.04 | 6719.0 | 1 | 1:38:44 | 88 |
| Line 20+2 | 5N | D | ate | | 6-Jul-96 | | #146 |
| POSITIO | FIELD | | ERR | | DRIFT | TIME | DS CULT |
| -1875 | 49989 | | 0.05 | 6718.3 | 1 | 1:41:44 | 88 |
| -1850 | 49980 | | 0.04 | 6718.0 | 1 | 1:43:09 | 88 |
| Line 20+5 | 0N | D | ate | | 6-Jul-96 | | #148 |
| POSITIO | FIELD | | ERR | | DRIFT | TIME | DS CULT |
| 1850 | 49962.3 | | 0.03 | 6717.2 | 1 | 1:46:30 | 88 |
| Line 20+7 | 5N | D | ate | | 6-Jul-96 | | #149 |
| POSITIO | FIELD | | ERR | | DRIFT | TIME | DS CULT |
| -1850 | 49940.5 | | 0.04 | 6716.7 | 1 | 1:50:01 | 88 |
| Line 18+5 | 0N | D | ate | | 6-Jul-96 | | #151 |
| POSITIO | FIELD | | ERR | | DRIFT | TIME | DS CULT |
| 1850 | 49940.9 | | 0.04 | 6707.9 | 1 | 3:08:44 | 88 |
| 1875 | 49963.4 | | 0.04 | 6707.8 | 1 | 3:11:26 | 88 |
| 1900 | 50002.4 | | 0.04 | 6707.5 | 1 | 3:13:46 | 88 |
| 1925 | 50094.9 | | 0.04 | 6706.9 | 1 | 3:17:33 | 88 |
| 1950 | 50086.6 | | 0.05 | 6706.5 | 1 | 3:19:07 | 88 |
| 1975 | 50063 | | 0.04 | 6706.8 | 1 | 3:20:26 | 88 LOWER TEMP HELO PAD |
| 2000 | 49989.7 | | 0.08 | 6706.0 | 1 | 3:21:30 | 88 TRENCH 84 |
| Line 20+2 | 5N | D | ate | | 6-Jul-96 | | #158 |
| POSITIO | FIELD | | ERR | | DRIFT | TIME | DS CULT |
| 2000 | 49993 | | 0.04 | 6707.1 | 1 | 3:41:10 | 88 |
| 2025 | 49997.3 | | 0.09 | 6708.2 | 1 | 3:42:42 | 88 |
| 2050 | 50027.6 | | 0.07 | 6709.0 | 1 | 3:43:44 | 88 |
| 2075 | 50068.1 | | 0.04 | 6709.1 | 1 | 3:47:42 | 88 |
| 2100 | 50061.5 | | 0.04 | 6709.4 | 1 | 3:49:10 | 88 |
| 2125 | 50052.2 | | 0.04 | 6709.9 | 1 | 3:50:14 | 88 |
| 2150 | 50006.3 | | 0.04 | 6706.2 | 1 | 3:53:25 | 88 |
| 2175 | 49997.2 | | 0.03 | 6708.0 | 1 | 3:54:46 | 88 |
| 2200 | 49993.1 | | 0.04 | 6709.8 | 1 | 3:55:39 | 88 |
| 2225 | 49999.2 | | 0.03 | 6709.7 | 1 | 3:56:29 | 88 |
| 2250 | 49994.1 | | 0.04 | 6708.6 | 1 | 3:57:16 | 88 |
| 2275 | 49996.5 | | 0.04 | 6705.2 | 1 | 3:58:04 | 88 |
| 2300 | 49991.7 | | 0.04 | 6709.3 | 1 | 3:58:57 | 88 |
| 2325 | 49993.9 | | 0.04 | 6710.2 | 1 | 3:59:44 | 88 |
| 2350 | 49990 | | 0.03 | 6710.6 | 1 | 4:00:35 | 88 |
| 2375 | 49987 | | 0.03 | 6711.1 | 1 | 4:01:23 | 88 |
| 2400 | 49987.7 | | 0.03 | 6711.7 | 1 | 4:02:14 | 88 |
| 2425 | 49997.7 | | 0.04 | 6711.5 | 1 | 4:03:03 | 88 |
| 2450 | 49996.1 | | 0.03 | 6706.2 | 1 | 4:03:58 | 88 |
| 2475 | 49995.5 | | 0.03 | 6711.6 | 1 | 4:05:11 | 88 |

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| 2500 | 49994.6 | | 0.06 | 6712.0 | 1 | 4:05:53 | 88 |
| Line 20+5 | 0N | D | ate | | 6-Jul-96 | | #179 |
| POSITIO | FIELD | | ERR | | DRIFT | TIME | DS CULT |
| -2500 | 50003.2 | | 0.03 | 6711.7 | 1 | 4:06:52 | 88 |
| -2475 | 50035.1 | | 0.03 | 6674.6 | 1 | 4:07:50 | 88 |
| -2450 | 49995.6 | | 0.05 | 6702.1 | 1 | 4:08:46 | 88 |
| -2425 | 49996.9 | | 0.03 | 6712.8 | 1 | 4:09:37 | 88 |
| -2400 | 49984.2 | | 0.05 | 6712.9 | 1 | 4:10:31 | 88 |
| -2375 | 49993.5 | | 0.04 | 6712.9 | 1 | 4:11:22 | 88 |
| -2350 | 49988.2 | | 0.05 | 6712.8 | 1 | 4:12:18 | 88 |
| -2325 | 50002.8 | | 0.04 | 6713.3 | 1 | 4:13:12 | 88 |
| -2300 | 50009.9 | | 0.04 | 6712.3 | 1 | 4:14:03 | 88 |
| -2275 | 50009.2 | | 0.04 | 6707.0 | 1 | 4:14:53 | 88 |
| -2250 | 50006.9 | | 0.03 | 6692.2 | 1 | 4:15:54 | 88 |
| -2225 | 50003 | | 0.04 | 6708.6 | 1 | 4:16:47 | 88 |
| -2200 | 49991.3 | | 0.04 | 6714.4 | 1 | 4:17:57 | 88 |
| -2175 | 50019.8 | | 0.04 | 6714.2 | 1 | 4:19:00 | 88 |
| -2150 | 50022.8 | | 0.04 | 6714.7 | 1 | 4:20:06 | 88 |
| -2125 | 50113 | | 0.03 | 6716.0 | 1 | 4:23:47 | 88 |
| -2100 | 50157.3 | | 0.04 | 6715.1 | 1 | 4:25:31 | 88 |
| -2075 | 50050.1 | | 0.03 | 6717.4 | 1 | 4:27:16 | 88 |
| -2050 | 50040.4 | | 0.07 | 6717.4 | 1 | 4:28:42 | 88 |
| -2025 | 50067.9 | | 0.04 | 6717.6 | 1 | 4:29:50 | 88 |
| -2000 | 50062.2 | | 0.06 | 6719.0 | 1 | 4:35:54 | 88 7M E DDH95 SITE |
| -1975 | 50127.1 | | 0.04 | 6713.1 | 1 | 4:40:01 | 88 |
| -1950 | 50465.4 | | 0.03 | 6710.8 | 1 | 4:41:33 | 88 |
| -1925 | 50305 | | 0.04 | 6709.2 | 1 | 4:42:45 | 88 MAIN HELO PAD |
| -1900 | 49966.4 | | 0.04 | 6709.9 | 1 | 4:45:40 | 88 |
| -1875 | 49930.4 | | 0.04 | 6712.7 | 1 | 4:47:08 | 88 |
| Line 20+7 | 5N | D | ate | | 6-Jul-96 | | #205 |
| POSITIO | FIELD | | ERR | | DRIFT | TIME | DS CULT |
| 1875 | 49970.3 | | 0.04 | 6716.1 | 1 | 4:49:28 | 88 |
| 1900 | 49893.6 | | 0.15 | 6717.0 | 1 | 4:50:37 | 88 WEATHERHAVEN |
| 1925 | 49804.1 | | 0.07 | 6721.1 | 1 | 4:54:10 | 88 S E CORNER DRY |
| 1950 | 50068.6 | | 0.04 | 6722.6 | 1 | 4:55:16 | 88 |
| 1975 | 50035.1 | | 0.14 | 6722.7 | 1 | 4:56:33 | 88 |
| 2000 | 49992.2 | | 0.03 | 6722.4 | 1 | 4:57:25 | 88 |
| 2025 | 50020.9 | | 0.04 | 6722.6 | 1 | 4:58:10 | 88 |
| 2050 | 50055 | | 0.05 | 6722.4 | 1 | 4:59:16 | 88 |
| 2075 | 50039.8 | | 0.04 | 6722.4 | 1 | 5:00:05 | 88 |
| 2100 | 50076 | | 0.04 | 6722.2 | 1 | 5:00:52 | 88 |
| 2125 | 50005.7 | | 0.04 | 6722.2 | 1 | 5:01:46 | 88 |
| 2150 | 50022.8 | | 0.08 | 6721.9 | 1 | 5:02:41 | 88 |
| 2175 | 49995.1 | | 0.03 | 6721.6 | 1 | 5:03:29 | 88 |
| 2200 | 49989.7 | | 0.03 | 6721.4 | 1 | 5:04:19 | 88 |
| 2225 | 49988.8 | | 0.04 | 6721.4 | 1 | 5:05:09 | 88 |
| 2250 | 49988 | | 0.03 | 6721.8 | 1 | 5:06:00 | 88 |
| 2275 | 50002.2 | | 0.04 | 6721.3 | 1 | 5:06:46 | 88 |
| 2300 | 49999 | | 0.03 | 6721.7 | 1 | 5:08:23 | 88 |
| 2325 | 49989.6 | | 0.03 | 6722.3 | 1 | 5:09:13 | 88 |
| 2350 | 49993.9 | | 0.04 | 6722.1 | 1 | 5:10:03 | 88 |

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| 2375 | 49995.1 | 0.04 | 6722.0 | 1 | 5:10:54 | 88 |
| 2400 | 50019.1 | 0.94 | 6722.4 | 1 | 5:11:46 | 88 |
| 2425 | 50003.9 | 0.04 | 6722.7 | 1 | 5:12:33 | 88 |
| 2450 | 49995.6 | 0.03 | 6723.0 | 1 | 5:13:26 | 88 |
| 2475 | 49985.6 | 0.03 | 6723.5 | 1 | 5:14:16 | 88 |
| 2500 | 50004.4 | 0.04 | 6724.1 | 1 | 5:15:11 | 88 |

| Line 21+0 | 0N | D | ate | | 6-Jul-96 | | #231 | |
|---|---|---|---|---|---|---|---|---|
| POSITIO | FIELD | | ERR | | DRIFT | TIME | DS | CULT |
| -2500 | 49999 | | 0.04 | 6724.0 | 1 | 5:16:08 | | 88 |
| -2475 | 50007.9 | | 0.04 | 6724.5 | 1 | 5:17:15 | | 88 |
| -2450 | 50000.9 | | 0.04 | 6724.7 | 1 | 5:18:07 | | 88 |
| -2425 | 50007.1 | | 0.04 | 6724.5 | 1 | 5:19:06 | | 88 |
| -2400 | 50004 | | 0.04 | 6724.7 | 1 | 5:19:59 | | 88 |
| -2375 | 50000.8 | | 0.03 | 6725.2 | 1 | 5:20:50 | | 88 |
| -2350 | 49996.4 | | 0.03 | 6725.7 | 1 | 5:21:49 | | 88 |
| -2325 | 50001.1 | | 0.04 | 6725.9 | 1 | 5:22:43 | | 88 |
| -2300 | 49990 | | 0.03 | 6726.2 | 1 | 5:23:40 | | 88 |
| -2275 | 50003.4 | | 0.04 | 6726.2 | 1 | 5:24:38 | | 88 |
| -2250 | 50003.4 | | 0.05 | 6726.1 | 1 | 5:25:40 | | 88 |
| -2225 | 50008 | | 0.04 | 6726.2 | 1 | 5:26:37 | | 88 |
| -2200 | 49995.6 | | 0.04 | 6726.2 | 1 | 5:27:39 | | 88 |
| -2175 | 50024.2 | | 0.03 | 6726.0 | 1 | 5:28:40 | | 88 |
| -2150 | 50037 | | 0.03 | 6726.0 | 1 | 5:29:43 | | 88 |
| -2125 | 50070.4 | | 0.04 | 6725.9 | 1 | 5:30:54 | | 88 |
| -2100 | 50078.7 | | 0.04 | 6726.0 | 1 | 5:32:16 | | 88 |
| -2075 | 50048.1 | | 0.03 | 6726.6 | 1 | 5:37:12 | | 88 |

| Line 21+0 | 0N | D | ate | 6-Jul-96 | # | 1 |
|---|---|---|---|---|---|---|
| POSITIO | FIELD | ERR | DRIFT | TIME | DS | CULT |
| -2050 | 56765.2 | 0.04 | 0 | 8:29:26 | 88 | |
| -2025 | 56757.7 | 0.03 | 0 | 8:31:03 | 88 | DDH96 #4 SITE |
| -2000 | 56732.1 | 0.05 | 0 | 8:33:11 | 88 | |
| -1975 | 56844.1 | 0.06 | 0 | 8:34:36 | 88 | 3M W BA SE STATION |
| -1950 | 56790 | 0.05 | 0 | 8:38:47 | 88 | |
| -1925 | 56644 | 0.04 | 0 | 8:40:07 | 88 | KITCHEN |
| -1900 | 56617.6 | 0.04 | 0 | 8:54:42 | 88 | |
| -1875 | 56701.3 | 0.03 | 0 | 8:55:35 | 88 | |
| -1850 | 56694.1 | 0.04 | 0 | 8:58:07 | 88 | |
| Line 21+2 | 5N | D | ate | 6-Jul-96 | #1 | 0 |
| POSITIO | FIELD | ERR | DRIFT | TIME | DS | CULT |
| 1850 | 56693.5 | 0.04 | 0 | 9:00:45 | 88 | |
| 1875 | 56696.6 | 0.05 | 0 | 9:02:18 | 88 | |
| 1900 | 56679.9 | 0.04 | 0 | 9:03:13 | 88 | |
| 1925 | 56643.9 | 0.04 | 0 | 9:04:13 | 88 | TENTS |
| 1950 | 56748.4 | 0.04 | 0 | 9:05:17 | 88 | TRENCH #? |
| 1975 | 56830.9 | 0.08 | 0 | 9:06:43 | 88 | OUT HOU SE |
| 2000 | 56767.2 | 0.16 | 0 | 9:09:01 | 88 | |
| 2025 | 56771 | 0.04 | 0 | 9:09:56 | 88 | |
| 2050 | 56751.3 | 0.05 | 0 | 9:11:51 | 88 | |
| 2075 | 56723.6 | 0.04 | 0 | 9:15:51 | 88 | |
| 2100 | 56740.6 | 0.04 | 0 | 9:20:20 | 88 | |
| 2125 | 56758.9 | 0.04 | 0 | 9:21:10 | 88 | |
| 2150 | 56760 | 0.06 | 0 | 9:22:03 | 88 | |
| 2175 | 56732.9 | 0.04 | 0 | 9:22:50 | 88 | |
| 2200 | 56712.5 | 0.04 | 0 | 9:23:39 | 88 | |
| 2225 | 56703 | 0.03 | 0 | 9:24:26 | 88 | |
| 2250 | 56708.6 | 0.04 | 0 | 9:25:10 | 88 | |
| 2275 | 56719.3 | 0.03 | 0 | 9:25:56 | 88 | |
| 2300 | 56710.5 | 0.03 | 0 | 9:26:40 | 88 | |
| 2325 | 56717.2 | 0.03 | 0 | 9:27:49 | 88 | |
| 2350 | 56709.5 | 0.03 | 0 | 9:28:41 | 88 | |
| 2375 | 56705.5 | 0.03 | 0 | 9:29:27 | 88 | |
| 2400 | 56705.1 | 0.03 | 0 | 9:30:16 | 88 | |
| 2425 | 56708.7 | 0.04 | 0 | 9:31:00 | 88 | |
| 2450 | 56709.3 | 0.03 | 0 | 9:31:46 | 88 | |
| 2475 | 56708.7 | 0.03 | 0 | 9:32:32 | 88 | |
| 2500 | 56703.6 | 0.03 | 0 | 9:33:20 | 88 | |
| Line 21+5 | 0N | D | ate | 6-Jul-96 | #3 | 7 |
| POSITIO | FIELD | ERR | DRIFT | TIME | DS | CULT |
| -2500 | 56721.4 | 0.03 | 0 | 9:34:11 | 88 | |
| -2475 | 56714.1 | 0.03 | 0 | 9:35:06 | 88 | |
| -2450 | 56704 | 0.04 | 0 | 9:36:01 | 88 | |
| -2425 | 56708 | 0.03 | 0 | 9:36:48 | 88 | |
| -2400 | 56706 | 0.04 | 0 | 9:37:42 | 88 | |
| -2375 | 56715.3 | 0.03 | 0 | 9:38:40 | 88 | |
| -2350 | 56707.9 | 0.04 | 0 | 9:39:34 | 88 | |
| -2325 | 56705.4 | 0.03 | 0 | 9:40:31 | 88 | |
| -2300 | 56705.5 | 0.04 | 0 | 9:41:29 | 88 | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| -2275 | 56708.3 | 0.03 | | 0 | 9:42:23 | 88 | |
| -2250 | 56700.8 | 0.03 | | 0 | 9:43:17 | 88 | |
| -2225 | 56712.7 | 0.03 | | 0 | 9:44:10 | 88 | |
| -2200 | 56715.5 | 0.03 | | 0 | 9:45:09 | 88 | |
| -2175 | 56742.8 | 0.04 | | 0 | 9:46:04 | 88 | |
| -2150 | 56753.5 | 0.04 | | 0 | 9:47:07 | 88 | |
| -2125 | 56745.8 | 0.03 | | 0 | 9:48:10 | 88 | |
| -2100 | 56725.2 | 0.05 | | 0 | 9:49:23 | 88 | |
| -2075 | 56724.2 | 0.04 | | 0 | 9:52:13 | 88 | |
| -2050 | 56746.6 | 0.04 | | 0 | 9:54:19 | 88 | |
| -2025 | 56754.4 | 0.04 | | 0 | 9:55:37 | 88 | |
| -2000 | 56737.2 | 0.04 | | 0 | 9:56:44 | 88 | |
| -1975 | 56794.2 | 0.04 | | 0 | 9:58:14 | 88 | |
| -1950 | 56682.8 | 0.05 | | 0 | 9:59:16 | 88 | OFFICE & GENSET |
| -1925 | 56648 | 0.04 | 0.0 1 | | 0:02:47 | 88 | CORE SH ACK |
| -1900 | 56711.7 | 0.04 | 0.0 1 | | 0:04:01 | 88 | |
| -1875 | 56722.8 | 0.03 | 0.0 1 | | 0:04:52 | 88 | |
| -1850 | 56736 | 0.03 | 0.0 1 | | 0:05:45 | 88 | |
| -1825 | 56754.5 | 0.04 | 0.0 1 | | 0:06:43 | 88 | |

Line 21+7 5N D ate 6-Jul-96 #6 5

| POSITIO | FIELD | ERR | DRIFT | TIME | DS | CULT |
|---|---|---|---|---|---|---|
| 1800 | 56777.6 | 0.05 | 0.0 1 | 0:11:04 | 88 | |
| 1825 | 56706.7 | 0.03 | 0.0 1 | 0:14:37 | 88 | |
| 1850 | 56714.3 | 0.03 | 0.0 1 | 0:15:39 | 88 | |
| 1875 | 56710.4 | 0.03 | 0.0 1 | 0:16:31 | 88 | |
| 1900 | 56703.4 | 0.03 | 0.0 1 | 0:17:22 | 88 | |
| 1925 | 56667.9 | 0.31 | 0.0 1 | 0:18:16 | 88 | |
| 1950 | 56589.7 | 0.04 | 0.0 1 | 0:22:38 | 88 | |
| 1975 | 56812.9 | 0.03 | 0.0 1 | 0:23:35 | 88 | |
| 2000 | 56759.3 | 0.06 | 0.0 1 | 0:24:26 | 88 | |
| 2025 | 56783.5 | 0.03 | 0.0 1 | 0:25:15 | 88 | |
| 2050 | 56783.5 | 0.04 | 0.0 1 | 0:26:07 | 88 | |
| 2075 | 56765.1 | 0.03 | 0.0 1 | 0:27:53 | 88 | |
| 2100 | 56782.2 | 0.03 | 0.0 1 | 0:29:13 | 88 | |
| 2125 | 56763.5 | 0.03 | 0.0 1 | 0:30:16 | 88 | |
| 2150 | 56745.5 | 0.03 | 0.0 1 | 0:31:12 | 88 | |
| 2175 | 56763 | 0.03 | 0.0 1 | 0:32:00 | 88 | |
| 2200 | 56722.8 | 0.04 | 0.0 1 | 0:32:46 | 88 | |
| 2225 | 56716.8 | 0.03 | 0.0 1 | 0:33:34 | 88 | |
| 2250 | 56749.9 | 0.03 | 0.0 1 | 0:34:19 | 88 | |
| 2275 | 56753.7 | 0.03 | 0.0 1 | 0:35:07 | 88 | |
| 2300 | 56725.1 | 0.04 | 0.0 1 | 0:35:52 | 88 | |
| 2325 | 56726.2 | 0.04 | 0.0 1 | 0:36:41 | 88 | |
| 2350 | 56734.5 | 0.03 | 0.0 1 | 0:37:28 | 88 | |
| 2375 | 56733.6 | 0.04 | 0.0 1 | 0:38:13 | 88 | |
| 2400 | 56741.2 | 0.03 | 0.0 1 | 0:38:59 | 88 | |
| 2425 | 56739.5 | 0.04 | 0.0 1 | 0:39:45 | 88 | |
| 2450 | 56737.7 | 0.04 | 0.0 1 | 0:40:33 | 88 | |
| 2475 | 56734.4 | 0.04 | 0.0 1 | 0:41:21 | 88 | |
| 2500 | 56730.9 | 0.03 | 0.0 1 | 0:42:10 | 88 | |

Line 22+0 0N D ate 6-Jul-96 #9 4

| POSITIO | FIELD | ERR | DRIFT | TIME | DS | CULT |
|---|---|---|---|---|---|---|
| -2500 | 56729.9 | 0.04 | 0.0 1 | 0:43:09 | 88 | |
| -2475 | 56736.3 | 0.03 | 0.0 1 | 0:44:07 | 88 | |
| -2450 | 56727.2 | 0.05 | 0.0 1 | 0:45:06 | 88 | |
| -2425 | 56730.8 | 0.05 | 0.0 1 | 0:45:54 | 88 | |
| -2400 | 56748.5 | 0.03 | 0.0 1 | 0:46:52 | 88 | |
| -2375 | 56694.4 | 0.04 | 0.0 1 | 0:47:48 | 88 | |
| -2350 | 56740.1 | 0.03 | 0.0 1 | 0:49:48 | 88 | |
| -2325 | 56741.7 | 0.04 | 0.0 1 | 0:50:48 | 88 | |
| -2300 | 56751.6 | 0.03 | 0.0 1 | 0:51:49 | 88 | |
| -2275 | 56744.2 | 0.04 | 0.0 1 | 0:52:51 | 88 | |
| -2250 | 56726.9 | 0.04 | 0.0 1 | 0:53:56 | 88 | |
| -2225 | 56739.9 | 0.03 | 0.0 1 | 0:55:06 | 88 | |
| -2200 | 56735.3 | 0.04 | 0.0 1 | 0:55:56 | 88 | |
| -2175 | 56762.9 | 0.04 | 0.0 1 | 0:57:49 | 88 | |
| -2150 | 56756.5 | 0.03 | 0.0 1 | 0:58:43 | 88 | |
| -2125 | 56759.2 | 0.04 | 0.0 1 | 0:59:43 | 88 | |
| -2100 | 56768.1 | 0.04 | 0.0 1 | 1:00:53 | 88 | |
| -2075 | 56730.8 | 0.04 | 0.0 1 | 1:02:51 | 88 | |
| -2050 | 56755.6 | 0.04 | 0.0 1 | 1:03:57 | 88 | |
| -2025 | 56757.7 | 0.04 | 0.0 1 | 1:05:12 | 88 | |
| -2000 | 56729.7 | 0.08 | 0.0 1 | 1:06:41 | 88 | |
| -1975 | 56746.7 | 0.03 | 0.0 1 | 1:07:50 | 88 | |
| -1950 | 56735.7 | 0.03 | 0.0 1 | 1:09:05 | 88 | |
| -1925 | 56723.5 | 0.03 | 0.0 1 | 1:09:55 | 88 | |
| -1900 | 56724.4 | 0.04 | 0.0 1 | 1:10:58 | 88 | |
| -1875 | 56725.6 | 0.03 | 0.0 1 | 1:11:54 | 88 | |
| -1850 | 56727.5 | 0.04 | 0.0 1 | 1:12:51 | 88 | |
| -1825 | 56742.4 | 0.04 | 0.0 1 | 1:13:56 | 88 | |
| -1800 | 56747.1 | 0.04 | 0.0 1 | 1:15:12 | 88 | |
| Line 22+2 | 5N | D | ate | 6-Jul-96 | #12 | 3 |
| POSITIO | FIELD | ERR | DRIFT | TIME | DS | CULT |
| 1800 | 56749.8 | 0.03 | 0.0 1 | 1:16:40 | 88 | |
| 1825 | 56715.3 | 0.03 | 0.0 1 | 1:17:47 | 88 | |
| 1850 | 56725.5 | 0.04 | 0.0 1 | 1:18:36 | 88 | |
| 1875 | 56722.7 | 0.03 | 0.0 1 | 1:19:25 | 88 | |
| 1900 | 56723.4 | 0.03 | 0.0 1 | 1:20:13 | 88 | |
| 1925 | 56711.3 | 0.04 | 0.0 1 | 1:20:59 | 88 | |
| 1950 | 56727.6 | 0.03 | 0.0 1 | 1:21:45 | 88 | |
| 1975 | 56749.7 | 0.04 | 0.0 1 | 2:45:27 | 88 | |
| 2000 | 56743.7 | 0.04 | 0.0 1 | 2:46:16 | 88 | |
| 2025 | 56755.7 | 0.05 | 0.0 1 | 2:47:12 | 88 | |
| 2050 | 56774.4 | 0.04 | 0.0 1 | 2:48:33 | 88 | |
| 2075 | 56750.9 | 0.04 | 0.0 1 | 2:49:33 | 88 | |
| 2100 | 56717.6 | 0.03 | 0.0 1 | 2:50:16 | 88 | |
| 2125 | 56719.3 | 0.03 | 0.0 1 | 2:51:09 | 88 | |
| 2150 | 56723.2 | 0.03 | 0.0 1 | 2:51:57 | 88 | |
| 2175 | 56725.4 | 0.04 | 0.0 1 | 2:52:45 | 88 | |
| 2200 | 56720 | 0.03 | 0.0 1 | 2:53:33 | 88 | |
| 2225 | 56718.8 | 0.04 | 0.0 1 | 2:54:23 | 88 | |
| 2250 | 56725.4 | 0.06 | 0.0 1 | 2:55:09 | 88 | |

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|---|---|---|---|---|---|---|
| 2275 | 56740.9 | 0.03 | 0.0 | 1 | 2:55:59 | 88 |
| 2300 | 56717.3 | 0.06 | 0.0 | 1 | 2:56:48 | 88 |
| 2325 | 56724.6 | 0.04 | 0.0 | 1 | 2:57:36 | 88 |
| 2350 | 56739.5 | 0.04 | 0.0 | 1 | 2:58:28 | 88 |
| 2375 | 56716.8 | 0.03 | 0.0 | 1 | 2:59:15 | 88 |
| 2400 | 56736.2 | 0.04 | 0.0 | 1 | 3:00:01 | 88 |
| 2425 | 56725.2 | 0.04 | 0.0 | 1 | 3:00:46 | 88 |
| 2450 | 56740.1 | 0.04 | 0.0 | 1 | 3:01:33 | 88 |
| 2475 | 56726.1 | 0.04 | 0.0 | 1 | 3:02:21 | 88 |
| 2500 | 56721.1 | 0.03 | 0.0 | 1 | 3:03:08 | 88 |

Line 22+5 0N Date 6-Jul-96 #15 2

| POSITIO | FIELD | ERR | DRIFT | | TIME | DS | CULT |
|---|---|---|---|---|---|---|---|
| -2500 | 56721.2 | 0.05 | 0.0 | 1 | 3:04:04 | 88 | |
| -2475 | 56725.6 | 0.04 | 0.0 | 1 | 3:05:07 | 88 | |
| -2450 | 56720.8 | 0.05 | 0.0 | 1 | 3:06:04 | 88 | |
| -2425 | 56723.9 | 0.04 | 0.0 | 1 | 3:07:01 | 88 | |
| -2400 | 56715.1 | 0.04 | 0.0 | 1 | 3:07:55 | 88 | |
| -2375 | 56711.7 | 0.03 | 0.0 | 1 | 3:08:46 | 88 | |
| -2350 | 56712.4 | 0.04 | 0.0 | 1 | 3:09:42 | 88 | |
| -2325 | 56719.7 | 0.03 | 0.0 | 1 | 3:10:33 | 88 | |
| -2300 | 56708.9 | 0.04 | 0.0 | 1 | 3:11:36 | 88 | |
| -2275 | 56704.3 | 0.05 | 0.0 | 1 | 3:12:32 | 88 | |
| -2250 | 56707.6 | 0.03 | 0.0 | 1 | 3:13:38 | 88 | |
| -2225 | 56708.7 | 0.03 | 0.0 | 1 | 3:14:34 | 88 | |
| -2200 | 56709 | 0.04 | 0.0 | 1 | 3:15:41 | 88 | |
| -2175 | 56707 | 0.04 | 0.0 | 1 | 3:16:48 | 88 | |
| -2150 | 56714.7 | 0.04 | 0.0 | 1 | 3:17:49 | 88 | |
| -2125 | 56711.7 | 0.03 | 0.0 | 1 | 3:18:58 | 88 | |
| -2100 | 56721.8 | 0.03 | 0.0 | 1 | 3:20:01 | 88 | |
| -2075 | 56725.8 | 0.04 | 0.0 | 1 | 3:21:14 | 88 | |
| -2050 | 56741.8 | 0.04 | 0.0 | 1 | 3:22:19 | 88 | |
| -2025 | 56737.3 | 0.04 | 0.0 | 1 | 3:23:31 | 88 | |
| -2000 | 56751.3 | 0.05 | 0.0 | 1 | 3:24:42 | 88 | |
| -1975 | 56768.4 | 0.03 | 0.0 | 1 | 3:25:56 | 88 | |
| -1950 | 56732.1 | 0.04 | 0.0 | 1 | 3:27:19 | 88 | |
| -1925 | 56695.7 | 0.03 | 0.0 | 1 | 3:28:14 | 88 | |
| -1900 | 56716 | 0.04 | 0.0 | 1 | 3:29:25 | 88 | |
| -1875 | 56738.8 | 0.04 | 0.0 | 1 | 3:30:34 | 88 | |
| -1850 | 56714 | 0.04 | 0.0 | 1 | 3:31:40 | 88 | |
| -1825 | 56726.2 | 0.03 | 0.0 | 1 | 3:32:57 | 88 | |
| -1800 | 56735.1 | 0.08 | 0.0 | 1 | 3:34:23 | 88 | |

Line 22+7 5N Date 6-Jul-96 #18 1

| POSITIO | FIELD | ERR | DRIFT | | TIME | DS | CULT |
|---|---|---|---|---|---|---|---|
| 1800 | 56730.1 | 0.03 | 0.0 | 1 | 3:37:44 | 88 | |
| 1825 | 56707.7 | 0.04 | 0.0 | 1 | 3:40:59 | 88 | |
| 1850 | 56699.3 | 0.03 | 0.0 | 1 | 3:43:18 | 88 | |
| 1875 | 56692.9 | 0.04 | 0.0 | 1 | 3:44:13 | 88 | |
| 1900 | 56705.1 | 0.03 | 0.0 | 1 | 3:45:03 | 88 | |
| 1925 | 56673.9 | 0.03 | 0.0 | 1 | 3:45:55 | 88 | |
| 1950 | 56722 | 0.03 | 0.0 | 1 | 3:46:50 | 88 | |
| 1975 | 56732.3 | 0.04 | 0.0 | 1 | 3:48:02 | 88 | |

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|---|---|---|---|---|---|---|
| 2000 | 56731 | 0.05 | 0.0 | 1 | 3:49:04 | 88 |
| 2025 | 56742.2 | 0.05 | 0.0 | 1 | 3:50:05 | 88 |
| 2050 | 56747.9 | 0.03 | 0.0 | 1 | 3:51:12 | 88 |
| 2075 | 56718.9 | 0.03 | 0.0 | 1 | 3:52:11 | 88 |
| 2100 | 56724.9 | 0.03 | 0.0 | 1 | 3:53:05 | 88 |
| 2125 | 56713.3 | 0.03 | 0.0 | 1 | 3:54:02 | 88 |
| 2150 | 56707.1 | 0.03 | 0.0 | 1 | 3:54:51 | 88 |
| 2175 | 56699.5 | 0.04 | 0.0 | 1 | 3:55:42 | 88 |
| 2200 | 56700.5 | 0.05 | 0.0 | 1 | 3:56:33 | 88 |
| 2225 | 56703.2 | 0.03 | 0.0 | 1 | 3:57:23 | 88 |
| 2250 | 56704.6 | 0.04 | 0.0 | 1 | 3:58:16 | 88 |
| 2275 | 56704.6 | 0.04 | 0.0 | 1 | 3:59:05 | 88 |
| 2300 | 56706.9 | 0.03 | 0.0 | 1 | 3:59:55 | 88 |
| 2325 | 56707.2 | 0.04 | 0.0 | 1 | 4:00:43 | 88 |
| 2350 | 56712.5 | 0.03 | 0.0 | 1 | 4:01:32 | 88 |
| 2375 | 56708.6 | 0.04 | 0.0 | 1 | 4:02:21 | 88 |
| 2400 | 56717.1 | 0.04 | | 0 | | |

| Line 23+2 | 5N | D | ate | 10-Jul-96 | | #1 |
|---|---|---|---|---|---|---|
| POSITIO | FIELD | | ERR | DRIFT | TIME | DS CULT |
| 2000 | 49980.7 | | 0.1 | 6743.5 | 9:09:31 | 88 |
| 2025 | 50015.4 | | 0.04 | 6743.4 | 9:10:56 | 88 |
| 2050 | 50000 | | 0.09 | 6743.3 | 9:11:39 | 88 |
| 2075 | 49994.4 | | 0.05 | 6743.5 | 9:12:22 | 88 |
| 2100 | 49998.7 | | 0.04 | 6744 | 9:13:08 | 88 |
| 2125 | 49968.5 | | 0.04 | 6743.2 | 9:13:52 | 88 |
| 2150 | 49986.1 | | 0.04 | 6742.9 | 9:14:34 | 88 |
| 2175 | 49979.3 | | 0.04 | 6743 | 9:15:15 | 88 |
| 2200 | 49975.7 | | 0.04 | 6743.7 | 9:16:00 | 88 |
| 2225 | 49972.9 | | 0.04 | 6743 | 9:16:45 | 88 |
| 2250 | 49965.6 | | 0.05 | 6742.7 | 9:17:27 | 88 |
| 2275 | 49992.4 | | 0.06 | 6742.6 | 9:18:09 | 88 |
| 2300 | 49979.5 | | 0.06 | 6743.1 | 9:18:50 | 88 |
| 2325 | 49975 | | 0.04 | 6742.8 | 9:19:32 | 88 |
| 2350 | 49975.8 | | 0.04 | 6742.5 | 9:20:18 | 88 |
| 2375 | 49971 | | 0.04 | 6743 | 9:21:04 | 88 |
| 2400 | 50003.2 | | 0.09 | 6742.3 | 9:21:46 | 88 |
| 2425 | 49983 | | 0.04 | 6742 | 9:22:31 | 88 |
| 2450 | 49974.3 | | 0.04 | 6742.2 | 9:23:17 | 88 |
| 2475 | 49996.3 | | 0.06 | 6742.6 | 9:24:14 | 88 |
| 2500 | 49995.5 | | 0.04 | 6742.4 | 9:24:46 | 88 |
| Line 22+5 | 0N | D | ate | 10-Jul-96 | | #22 |
| POSITIO | FIELD | | ERR | DRIFT | TIME | DS CULT |
| 2500 | 50001.9 | | 0.05 | 6742.5 | 9:26:10 | 88 |
| Line 22+7 | 5N | D | ate | 10-Jul-96 | | #23 |
| POSITIO | FIELD | | ERR | DRIFT | TIME | DS CULT |
| 2500 | 49986 | | 0.04 | 6742.2 | 9:27:53 | 88 |
| Line 23+0 | 0N | D | ate | 10-Jul-96 | | #24 |
| POSITIO | FIELD | | ERR | DRIFT | TIME | DS CULT |
| 2500 | 49989.2 | | 0.06 | 6742.2 | 9:29:04 | 88 |
| Line 23+5 | 0N | D | ate | 10-Jul-96 | | #25 |
| POSITIO | FIELD | | ERR | DRIFT | TIME | DS CULT |
| -2500 | 49978.1 | | 0.06 | 6741.3 | 9:35:04 | 88 |
| -2475 | 49982.9 | | 0.04 | 6741 | 9:36:41 | 88 |
| -2450 | 49986.4 | | 0.04 | 6740.9 | 9:37:42 | 88 |
| -2425 | 49984.1 | | 0.04 | 6740.9 | 9:38:31 | 88 |
| -2400 | 49981.1 | | 0.04 | 6741 | 9:39:34 | 88 |
| -2375 | 49972.7 | | 0.04 | 6741 | 9:40:30 | 88 |
| -2350 | 49974.3 | | 0.04 | 6740.7 | 9:41:26 | 88 |
| -2325 | 49975.7 | | 0.04 | 6740.6 | 9:42:21 | 88 |
| -2300 | 49975.3 | | 0.04 | 6740.6 | 9:43:23 | 88 |
| -2275 | 49972.1 | | 0.04 | 6740.8 | 9:44:14 | 88 |
| -2250 | 49975.2 | | 0.04 | 6740.6 | 9:45:13 | 88 |
| -2225 | 49969.8 | | 0.04 | 6740.2 | 9:46:12 | 88 |
| -2200 | 49972.2 | | 0.04 | 6740.1 | 9:47:06 | 88 |
| -2175 | 49981.8 | | 0.04 | 6740.2 | 9:48:09 | 88 |
| -2150 | 49981.2 | | 0.04 | 6739.9 | 9:49:10 | 88 |
| -2125 | 49984.3 | | 0.04 | 6739.8 | 9:50:42 | 88 |
| -2100 | 50002.6 | | 0.04 | 6739.5 | 9:51:48 | 88 |

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|---|---|---|---|---|---|
| -2075 | 49993.9 | 0.04 | 6739.5 | 9:52:57 | 88 |
| -2050 | 50010.7 | 0.08 | 6739.4 | 9:54:29 | 88 |
| -2025 | 50001.1 | 0.04 | 6739.6 | 9:56:08 | 88 |
| -2000 | 50010.5 | 0.05 | 6739.5 | 9:57:19 | 88 |
| -1975 | 50001.6 | 0.04 | 6739.4 1 | 0:00:04 | 88 |
| -1950 | 50016.5 | 0.04 | 6738.8 1 | 0:02:42 | 88 |
| -1925 | 49978.7 | 0.05 | 6738.8 1 | 0:03:52 | 88 |
| -1900 | 49977.7 | 0.03 | 6738.6 1 | 0:05:18 | 88 |
| -1875 | 50011.9 | 0.93 | 6738.7 1 | 0:08:14 | 88 |
| -1850 | 49988.6 | 0.04 | 6738.3 1 | 0:10:19 | 88 |
| -1825 | 49979.2 | 0.04 | 6738.5 1 | 0:11:01 | 88 |
| -1800 | 49971.2 | 0.04 | 6738.5 1 | 0:11:41 | 88 |
| Line 23+7 | 5N D | ate | 10-Jul-96 | | #54 |
| POSITIO | FIELD | ERR | DRIFT | TIME | DS CULT |
| 1800 | 49979 | 0.04 | 6738.5 1 | 0:13:37 | 88 |
| 1825 | 49981.3 | 0.04 | 6738.4 1 | 0:14:40 | 88 |
| 1850 | 49982.8 | 0.04 | 6738.4 1 | 0:15:34 | 88 |
| 1875 | 49983.7 | 0.04 | 6738.3 1 | 0:16:41 | 88 |
| 1900 | 49987 | 0.05 | 6738.4 1 | 0:18:18 | 88 |
| 1925 | 49992.9 | 0.04 | 6738.1 1 | 0:19:00 | 88 |
| 1950 | 50000.7 | 0.05 | 6738.0 1 | 0:20:13 | 88 |
| 1975 | 50025.6 | 0.04 | 6738.0 1 | 0:21:22 | 88 |
| 2000 | 49989.5 | 0.06 | 6738.2 1 | 0:22:10 | 88 |
| 2025 | 50002 | 0.05 | 6738.1 1 | 0:22:57 | 88 |
| 2050 | 50008.6 | 0.05 | 6737.9 1 | 0:24:52 | 88 |
| 2075 | 49991 | 0.04 | 6737.8 1 | 0:25:36 | 88 |
| 2100 | 49991.2 | 0.04 | 6737.9 1 | 0:26:19 | 88 |
| 2125 | 49973.1 | 0.04 | 6737.9 1 | 0:27:05 | 88 |
| 2150 | 49994.7 | 0.05 | 6737.9 1 | 0:27:46 | 88 |
| 2175 | 49980.1 | 0.04 | 6737.8 1 | 0:28:29 | 88 |
| 2200 | 49977.3 | 0.03 | 6737.6 1 | 0:29:12 | 88 |
| 2225 | 49966.8 | 0.04 | 6737.6 1 | 0:29:56 | 88 |
| 2250 | 49971.2 | 0.04 | 6737.8 1 | 0:30:43 | 88 |
| 2275 | 49986.7 | 0.04 | 6737.7 1 | 0:31:31 | 88 |
| 2300 | 49988.2 | 0.04 | 6737.5 1 | 0:32:16 | 88 |
| 2325 | 49970.6 | 0.04 | 6737.5 1 | 0:32:59 | 88 |
| 2350 | 49987.1 | 0.04 | 6737.8 1 | 0:33:48 | 88 |
| 2375 | 49965.9 | 0.04 | 6737.9 1 | 0:34:44 | 88 |
| 2400 | 49979.8 | 0.04 | 6737.8 1 | 0:35:44 | 88 |
| 2425 | 50002.3 | 0.04 | 6737.8 1 | 0:36:30 | 88 |
| 2450 | 50005.4 | 0.05 | 6737.8 1 | 0:37:20 | 88 |
| 2475 | 49995.6 | 0.05 | 6737.8 1 | 0:38:10 | 88 |
| 2500 | 50006.6 | 0.03 | 6737.8 1 | 0:38:59 | 88 |
| Line 24+0 | 0N D | ate | 10-Jul-96 | | #83 |
| POSITIO | FIELD | ERR | DRIFT | TIME | DS CULT |
| -2500 | 50003.2 | 0.03 | 6738.1 1 | 0:44:45 | 88 |
| -2475 | 50003.2 | 0.04 | 6737.9 1 | 0:46:37 | 88 |
| -2450 | 50000.8 | 0.03 | 6738.0 1 | 0:47:49 | 88 |
| -2425 | 49990.4 | 0.04 | 6737.9 1 | 0:48:47 | 88 |
| -2400 | 49980.8 | 0.11 | 6737.8 1 | 0:49:50 | 88 |
| -2375 | 50001.3 | 0.04 | 6737.7 1 | 0:50:45 | 88 |

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|---|---|---|---|---|---|---|
| -2350 | 49987.2 | 0.04 | 6737.7 | 1 | 0:51:49 | 88 |
| -2325 | 49983.1 | 0.04 | 6737.8 | 1 | 0:53:04 | 88 |
| -2300 | 49991.3 | 0.06 | 6737.8 | 1 | 0:54:03 | 88 |
| -2275 | 49989.2 | 0.66 | 6738.5 | 1 | 0:56:23 | 88 |
| -2250 | 49987.6 | 0.04 | 6738.3 | 1 | 0:57:14 | 88 |
| -2225 | 49983.3 | 0.03 | 6738.2 | 1 | 0:58:01 | 88 |
| -2200 | 49976.7 | 0.04 | 6737.9 | 1 | 0:59:10 | 88 |
| -2175 | 49972.7 | 0.04 | 6737.8 | 1 | 1:00:15 | 88 |
| -2150 | 49983.5 | 0.03 | 6737.9 | 1 | 1:01:40 | 88 |
| -2125 | 49973.7 | 0.03 | 6737.8 | 1 | 1:03:11 | 88 |
| -2100 | 49971.9 | 0.04 | 6737.6 | 1 | 1:04:25 | 88 |
| -2075 | 50004.4 | 0.04 | 6737.8 | 1 | 1:06:19 | 88 |
| -2050 | 50001.6 | 0.03 | 6738.0 | 1 | 1:07:35 | 88 |
| -2025 | 50013.5 | 0.03 | 6737.8 | 1 | 1:11:07 | 88 |
| Line 24+2 | 5N D | ate | 10-Jul-96 | | | #103 |
| POSITIO | FIELD | ERR | DRIFT | | TIME | DS CULT |
| 2025 | 50121.9 | 0.04 | 6737.7 | 1 | 1:16:29 | 88 |
| 2050 | 50017.4 | 0.04 | 6737.6 | 1 | 1:17:56 | 88 |
| 2075 | 49972.7 | 0.04 | 6737.2 | 1 | 1:18:39 | 88 |
| 2100 | 49989 | 0.06 | 6737.1 | 1 | 1:19:37 | 88 |
| 2125 | 49983 | 0.04 | 6737.2 | 1 | 1:20:24 | 88 |
| 2150 | 49976.3 | 0.04 | 6736.9 | 1 | 1:21:08 | 88 |
| 2175 | 49977.2 | 0.04 | 6737.0 | 1 | 1:21:52 | 88 |
| 2200 | 49999.1 | 0.05 | 6736.6 | 1 | 1:22:39 | 88 |
| 2225 | 49998.5 | 0.04 | 6736.3 | 1 | 1:23:23 | 88 |
| 2250 | 49965.1 | 0.04 | 6736.4 | 1 | 1:24:08 | 88 |
| 2275 | 49986.9 | 0.03 | 6736.4 | 1 | 1:24:50 | 88 |
| 2300 | 49979.4 | 0.03 | 6736.2 | 1 | 1:25:35 | 88 |
| 2325 | 49979.4 | 0.04 | 6736.1 | 1 | 1:26:16 | 88 |
| 2350 | 49979.5 | 0.04 | 6735.8 | 1 | 1:27:01 | 88 |
| 2375 | 49982.6 | 0.04 | 6736.5 | 1 | 1:27:44 | 88 |
| 2400 | 49999.7 | 0.04 | 6736.6 | 1 | 1:28:28 | 88 |
| 2425 | 49983.7 | 0.04 | 6736.1 | 1 | 1:29:10 | 88 |
| 2450 | 49999.1 | 0.04 | 6735.7 | 1 | 1:29:57 | 88 |
| 2475 | 49994.7 | 0.04 | 6735.8 | 1 | 1:30:39 | 88 |
| 2500 | 49991.5 | 0.11 | 6735.7 | 1 | 1:31:28 | 88 |
| Line 24+5 | 0N D | ate | 10-Jul-96 | | | #123 |
| POSITIO | FIELD | ERR | DRIFT | | TIME | DS CULT |
| -2500 | 49991.6 | 0.04 | 6735.2 | 1 | 1:32:19 | 88 |
| -2475 | 49983.9 | 0.04 | 6735.2 | 1 | 1:34:28 | 88 |
| -2450 | 49987.3 | 0.07 | 6734.9 | 1 | 1:35:22 | 88 |
| -2425 | 49989.9 | 0.05 | 6734.5 | 1 | 1:36:12 | 88 |
| -2400 | 49981.9 | 0.04 | 6734.7 | 1 | 1:37:12 | 88 |
| -2375 | 49978 | 0.04 | 6734.6 | 1 | 1:38:04 | 88 |
| -2350 | 49970.5 | 0.04 | 6734.2 | 1 | 1:39:02 | 88 |
| -2325 | 49973.1 | 0.03 | 6734.0 | 1 | 1:39:57 | 88 |
| -2300 | 49967.6 | 0.06 | 6733.9 | 1 | 1:40:54 | 88 |
| -2275 | 49976.1 | 0.04 | 6733.4 | 1 | 1:42:07 | 88 |
| -2250 | 49974.9 | 0.04 | 6733.5 | 1 | 1:43:07 | 88 |
| -2225 | 49970.9 | 0.04 | 6734.0 | 1 | 1:44:05 | 88 |
| -2200 | 49975 | 0.04 | 6734.1 | 1 | 1:45:18 | 88 |

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|---|---|---|---|---|---|---|
| -2175 | 49965 | 0.04 | 6733.2 | 1 | 1:48:03 | 88 |
| -2150 | 49972.4 | 0.04 | 6732.8 | 1 | 1:49:08 | 88 |
| -2125 | 49978.9 | 0.04 | 6732.7 | 1 | 1:50:25 | 88 |
| -2100 | 49973.2 | 0.04 | 6732.3 | 1 | 1:51:43 | 88 |
| -2075 | 49965.3 | 0.04 | 6731.7 | 1 | 1:52:55 | 88 |
| -2050 | 50011.7 | 0.04 | 6731.4 | 1 | 1:54:35 | 88 |
| -2025 | 50016.6 | 0.04 | 6731.2 | 1 | 1:57:28 | 88 |
| Line 24+7 | 5N D | ate | 10-Jul-96 | | | #143 |
| POSITIO | FIELD | ERR | DRIFT | | TIME | DS CULT |
| 2025 | 49993.2 | 0.04 | 6730.8 | 1 | 1:58:26 | 88 |
| 2050 | 49988.5 | 0.04 | 6730.8 | 1 | 1:59:23 | 88 |
| 2075 | 49972.5 | 0.04 | 6730.6 | 1 | 2:00:08 | 88 |
| 2100 | 49961.6 | 0.04 | 6730.7 | 1 | 2:00:57 | 88 |
| 2125 | 49971.7 | 0.04 | 6730.5 | 1 | 2:01:45 | 88 |
| 2150 | 49963 | 0.04 | 6730.5 | 1 | 2:02:26 | 88 |
| 2175 | 49962.6 | 0.04 | 6730.9 | 1 | 2:03:13 | 88 |
| 2200 | 49965.6 | 0.04 | 6730.8 | 1 | 2:04:02 | 88 |
| 2225 | 49959.6 | 0.04 | 6730.5 | 1 | 2:04:40 | 88 |
| 2250 | 49974.5 | 0.04 | 6730.3 | 1 | 2:05:25 | 88 |
| 2275 | 49967 | 0.04 | 6730.3 | 1 | 2:06:09 | 88 |
| 2300 | 49962 | 0.03 | 6730.3 | 1 | 2:06:56 | 88 |
| 2325 | 49958 | 0.05 | 6730.0 | 1 | 2:07:46 | 88 |
| 2350 | 49966.1 | 0.04 | 6730.0 | 1 | 2:08:32 | 88 |
| 2375 | 49967.1 | 0.04 | 6730.0 | 1 | 2:09:14 | 88 |
| 2400 | 49980.7 | 0.04 | 6729.6 | 1 | 2:10:02 | 88 |
| 2425 | 49978.1 | 0.04 | 6729.4 | 1 | 2:11:12 | 88 |
| 2450 | 49989.8 | 0.04 | 6729.4 | 1 | 2:12:04 | 88 |
| 2475 | 49990.7 | 0.04 | 6729.5 | 1 | 2:12:47 | 88 |
| 2500 | 49988.7 | 0.04 | 6729.5 | 1 | 2:13:35 | 88 |
| Line 25+0 | 0N D | ate | 10-Jul-96 | | | #163 |
| POSITIO | FIELD | ERR | DRIFT | | TIME | DS CULT |
| -2500 | 50011.3 | 0.04 | 6729.0 | 1 | 2:27:56 | 88 |
| -2475 | 49999.7 | 0.04 | 6729.1 | 1 | 2:28:59 | 88 |
| -2450 | 49988 | 0.03 | 6728.8 | 1 | 2:29:41 | 88 |
| -2425 | 50000.9 | 0.04 | 6728.6 | 1 | 2:30:33 | 88 |
| -2400 | 49993.2 | 0.04 | 6728.5 | 1 | 2:31:31 | 88 |
| -2375 | 49988.9 | 0.04 | 6728.3 | 1 | 2:32:23 | 88 |
| -2350 | 49987.2 | 0.04 | 6728.2 | 1 | 2:33:22 | 88 |
| -2325 | 49972.6 | 0.04 | 6728.5 | 1 | 2:34:20 | 88 |
| -2300 | 49971.6 | 0.04 | 6728.9 | 1 | 2:35:33 | 88 |
| -2275 | 49970.7 | 0.04 | 6728.8 | 1 | 2:37:24 | 88 |
| -2250 | 49970.5 | 0.03 | 6729.0 | 1 | 2:38:28 | 88 |
| -2225 | 49977.8 | 0.04 | 6728.2 | 1 | 2:39:53 | 88 |
| -2200 | 49970.3 | 0.04 | 6728.0 | 1 | 2:40:51 | 88 |
| -2175 | 49969.7 | 0.04 | 6727.0 | 1 | 2:42:10 | 88 |
| -2150 | 49974.1 | 0.04 | 6726.9 | 1 | 2:43:11 | 88 |
| -2125 | 49966.4 | 0.04 | 6726.0 | 1 | 2:44:46 | 88 |
| -2100 | 49976.3 | 0.04 | 6725.1 | 1 | 2:46:31 | 88 |
| -2075 | 49982.1 | 0.04 | 6723.9 | 1 | 2:48:04 | 88 |
| -2050 | 49993.4 | 0.04 | 6724.0 | 1 | 2:49:43 | 88 |
| -2025 | 49975.7 | 0.04 | 6724.7 | 1 | 2:51:24 | 88 |

| Line 25+2 | 5N | D | ate | | 10-Jul-96 | | #184 |
|---|---|---|---|---|---|---|---|
| POSITIO | FIELD | | ERR | | DRIFT | TIME | DS CULT |
| 2025 | 49999.9 | | 0.08 | 6725.9 | 1 | 2:57:49 | 88 |
| 2050 | 49974.8 | | 0.04 | 6725.8 | 1 | 2:58:42 | 88 |
| 2075 | 49974.5 | | 0.04 | 6725.6 | 1 | 2:59:38 | 88 |
| 2100 | 49956.1 | | 0.04 | 6725.5 | 1 | 3:00:28 | 88 |
| 2125 | 49964.4 | | 0.04 | 6725.6 | 1 | 3:01:17 | 88 |
| 2150 | 49968.1 | | 0.04 | 6725.4 | 1 | 3:02:38 | 88 |
| 2175 | 49975.7 | | 0.04 | 6725.4 | 1 | 3:03:24 | 88 |
| 2200 | 49974.1 | | 0.04 | 6725.2 | 1 | 3:04:04 | 88 |
| 2225 | 49972.8 | | 0.04 | 6725.4 | 1 | 3:04:48 | 88 |
| 2250 | 49970.2 | | 0.04 | 6725.6 | 1 | 3:05:33 | 88 |
| 2275 | 49972.5 | | 0.04 | 6725.7 | 1 | 3:06:19 | 88 |
| 2300 | 49969.9 | | 0.04 | 6725.7 | 1 | 3:07:08 | 88 |
| 2325 | 49975.4 | | 0.04 | 6725.7 | 1 | 3:07:54 | 88 |
| 2350 | 49983.6 | | 0.04 | 6725.5 | 1 | 3:08:42 | 88 |
| 2375 | 49995.5 | | 0.04 | 6725.4 | 1 | 3:09:23 | 88 |
| 2400 | 49986.5 | | 0.04 | 6725.5 | 1 | 3:10:12 | 88 |
| 2425 | 49987.4 | | 0.04 | 6725.5 | 1 | 3:10:59 | 88 |
| 2450 | 50003.9 | | 0.04 | 6725.4 | 1 | 3:12:46 | 88 |
| 2475 | 50000.8 | | 0.04 | 6724.9 | 1 | 3:14:41 | 88 |
| 2500 | 49993 | | 0.03 | 6724.5 | 1 | 3:16:38 | 88 |
| Line 25+5 | 0N | D | ate | | 10-Jul-96 | | #205 |
| POSITIO | FIELD | | ERR | | DRIFT | TIME | DS CULT |
| -2500 | 50018.2 | | 0.04 | 6723.5 | 1 | 3:19:47 | 88 |
| -2475 | 49994.2 | | 0.04 | 6723.2 | 1 | 3:21:35 | 88 |
| -2450 | 50009 | | 0.04 | 6722.8 | 1 | 3:23:29 | 88 |
| -2425 | 50018.3 | | 0.04 | 6722.6 | 1 | 3:24:34 | 88 |
| -2400 | 49983.2 | | 0.04 | 6722.3 | 1 | 3:25:27 | 88 |
| -2375 | 49984 | | 0.04 | 6722.0 | 1 | 3:26:31 | 88 |
| -2350 | 50019.2 | | 0.05 | 6721.9 | 1 | 3:27:37 | 88 |
| -2325 | 49987.4 | | 0.04 | 6721.7 | 1 | 3:30:46 | 88 |
| -2300 | 49987.8 | | 0.04 | 6721.8 | 1 | 3:31:57 | 88 |
| -2275 | 49972.8 | | 0.04 | 6721.7 | 1 | 3:33:18 | 88 |
| -2250 | 49976.9 | | 0.04 | 6721.8 | 1 | 3:34:22 | 88 |
| -2225 | 49968.5 | | 0.04 | 6721.8 | 1 | 3:35:28 | 88 |
| -2200 | 49976.2 | | 0.04 | 6722.1 | 1 | 3:36:58 | 88 |
| -2175 | 49962.7 | | 0.04 | 6722.1 | 1 | 3:38:34 | 88 |
| -2150 | 49972 | | 0.04 | 6722.2 | 1 | 3:40:03 | 88 |
| -2125 | 49969.9 | | 0.04 | 6722.3 | 1 | 3:41:30 | 88 |
| -2100 | 49980.5 | | 0.04 | 6722.0 | 1 | 3:44:12 | 88 |
| -2075 | 49987 | | 0.04 | 6721.9 | 1 | 3:46:07 | 88 |
| -2050 | 50021.3 | | 0.03 | 6722.0 | 1 | 3:49:22 | 88 |
| -2025 | 50004.2 | | 0.04 | 6721.9 | 1 | 3:50:44 | 88 |
| Line 24+0 | 0N | D | ate | | 10-Jul-96 | | #225 |
| POSITIO | FIELD | | ERR | | DRIFT | TIME | DS CULT |
| -2000 | 50047.4 | | 0.05 | 6721.9 | 1 | 3:56:13 | 88 |

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| Line 24+0 | 0N | D | ate | 11-Jul-96 | | #1 |
|---|---|---|---|---|---|---|
| POSITIO | FIELD | | ERR | DRIFT | TIME | DS CULT |
| -2000 | 50027.8 | | 0.04 | 6728.6 | 8:50:11 | 88 |
| -1975 | 50003.8 | | 0.04 | 6728.7 | 8:52:35 | 88 |
| -1950 | 49990.9 | | 0.04 | 6728.9 | 8:54:13 | 88 |
| -1925 | 50020.7 | | 0.03 | 6729 | 8:55:30 | 88 |
| -1900 | 49976.7 | | 0.05 | 6729.2 | 8:56:42 | 88 |
| -1875 | 49976.9 | | 0.04 | 6729.3 | 8:57:44 | 88 |
| -1850 | 49982.7 | | 0.08 | 6729.4 | 8:59:11 | 88 |
| -1825 | 49966 | | 0.03 | 6729.6 | 9:00:25 | 88 |
| -1800 | 49959.8 | | 0.03 | 6729.8 | 9:01:22 | 88 |
| -1775 | 49971.6 | | 0.03 | 6730 | 9:02:27 | 88 |
| -1750 | 49968 | | 0.04 | 6730.2 | 9:03:39 | 88 |
| Line 24+2 | 5N | D | ate | 11-Jul-96 | | #12 |
| POSITIO | FIELD | | ERR | DRIFT | TIME | DS CULT |
| 1750 | 49981.8 | | 0.03 | 6730.2 | 9:05:13 | 88 |
| 1775 | 49975.4 | | 0.04 | 6730.3 | 9:06:23 | 88 |
| 1800 | 49980.9 | | 0.03 | 6730.3 | 9:07:10 | 88 |
| 1825 | 49988.8 | | 0.04 | 6730.6 | 9:08:03 | 88 |
| 1850 | 49987.9 | | 0.04 | 6730.9 | 9:09:07 | 88 |
| 1875 | 49992.6 | | 0.04 | 6731.4 | 9:10:12 | 88 |
| 1900 | 49982.5 | | 0.03 | 6731.9 | 9:11:20 | 88 |
| 1925 | 50005.4 | | 0.03 | 6732.1 | 9:12:17 | 88 |
| 1950 | 49986.9 | | 0.03 | 6732.2 | 9:13:17 | 88 |
| 1975 | 49996.6 | | 0.03 | 6732.1 | 9:14:21 | 88 |
| 2000 | 50023.8 | | 0.03 | 6731.7 | 9:15:19 | 88 |
| Line 24+5 | 0N | D | ate | 11-Jul-96 | | #23 |
| POSITIO | FIELD | | ERR | DRIFT | TIME | DS CULT |
| -2000 | 50011.6 | | 0.03 | 6731.1 | 9:16:28 | 88 |
| -1975 | 50002.5 | | 0.04 | 6730.7 | 9:17:40 | 88 |
| -1950 | 49993.5 | | 0.04 | 6730.7 | 9:19:06 | 88 |
| -1925 | 49995.7 | | 0.04 | 6731.5 | 9:20:13 | 88 |
| -1900 | 49991.3 | | 0.04 | 6732.1 | 9:21:34 | 88 |
| -1875 | 49987.8 | | 0.04 | 6732.4 | 9:22:42 | 88 |
| -1850 | 50000.8 | | 0.04 | 6732.4 | 9:23:52 | 88 |
| -1825 | 50004.8 | | 0.05 | 6732.5 | 9:25:20 | 88 |
| -1800 | 49988.6 | | 0.03 | 6732.4 | 9:26:18 | 88 |
| -1775 | 49983.4 | | 0.04 | 6732.3 | 9:27:11 | 88 |
| -1750 | 49962.1 | | 0.04 | 6732.3 | 9:28:24 | 88 |
| -1725 | 50005.8 | | 0.04 | 6732.4 | 9:30:13 | 88 |
| -1700 | 50009.8 | | 0.06 | 6732.5 | 9:31:24 | 88 |
| Line 24+7 | 5N | D | ate | 11-Jul-96 | | #36 |
| POSITIO | FIELD | | ERR | DRIFT | TIME | DS CULT |
| 1700 | 49991.2 | | 0.04 | 6732.6 | 9:33:09 | 88 |
| 1725 | 49976.4 | | 0.04 | 6732.8 | 9:34:14 | 88 |
| 1750 | 49982.5 | | 0.04 | 6732.8 | 9:35:09 | 88 |
| 1775 | 49987.4 | | 0.03 | 6733.1 | 9:36:05 | 88 |
| 1800 | 49995.3 | | 0.04 | 6733.4 | 9:37:05 | 88 |
| 1825 | 49986 | | 0.03 | 6733.5 | 9:38:10 | 88 |
| 1850 | 50001.8 | | 0.05 | 6733.5 | 9:40:17 | 88 |
| 1875 | 49988 | | 0.04 | 6733.4 | 9:41:23 | 88 |

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|---|---|---|---|---|---|
| 1900 | 49984.7 | 0.03 | 6733.1 | 9:42:22 | 88 |
| 1925 | 49975.6 | 0.04 | 6732.9 | 9:44:04 | 88 |
| 1950 | 49996 | 0.04 | 6733.4 | 9:45:29 | 88 |
| 1975 | 50005 | 0.03 | 6733.7 | 9:46:54 | 88 |
| 2000 | 50003 | 0.04 | 6734 | 9:48:11 | 88 |
| Line 25+0 | 0N D | ate | 11-Jul-96 | | #51 |
| POSITIO | FIELD | ERR | DRIFT | TIME | DS CULT |
| -2000 | 49999.2 | 0.04 | 6734 | 9:49:22 | 88 |
| -1975 | 49998.9 | 0.03 | 6734 | 9:51:17 | 88 |
| -1950 | 50002.8 | 0.04 | 6733.8 | 9:52:45 | 88 |
| -1925 | 50004.6 | 0.09 | 6733.8 | 9:55:21 | 88 |
| -1900 | 49997.6 | 0.1 | 6734 | 9:56:41 | 88 |
| -1875 | 49996.8 | 0.04 | 6733.8 | 9:59:19 | 88 |
| -1850 | 50003.6 | 0.04 | 6733.4 1 | 0:01:06 | 88 |
| -1825 | 49995.2 | 0.04 | 6732.8 1 | 0:10:39 | 88 |
| -1800 | 49988.3 | 0.04 | 6732.6 1 | 0:11:25 | 88 |
| -1775 | 50006.5 | 0.04 | 6732.6 1 | 0:12:40 | 88 |
| -1750 | 49989.4 | 0.04 | 6732.6 1 | 0:13:56 | 88 |
| -1725 | 49999.8 | 0.04 | 6732.3 1 | 0:15:11 | 88 |
| -1700 | 50027 | 0.05 | 6732.0 1 | 0:16:25 | 88 |
| Line 25+2 | 5N D | ate | 11-Jul-96 | | #62 |
| POSITIO | FIELD | ERR | DRIFT | TIME | DS CULT |
| 1700 | 50044 | 0.04 | 6731.8 1 | 0:17:27 | 88 |
| 1725 | 50011.6 | 0.03 | 6731.4 1 | 0:21:16 | 88 |
| 1750 | 50006 | 0.03 | 6730.6 1 | 0:24:11 | 88 |
| 1775 | 50017.1 | 0.04 | 6730.5 1 | 0:26:19 | 88 |
| 1800 | 49984.7 | 0.04 | 6729.1 1 | 0:32:26 | 88 |
| 1825 | 50007.3 | 0.03 | 6729.0 1 | 0:33:26 | 88 |
| 1850 | 50004.3 | 0.05 | 6728.8 1 | 0:34:50 | 88 |
| 1875 | 50007 | 0.04 | 6728.6 1 | 0:35:58 | 88 |
| 1900 | 50001 | 0.04 | 6728.4 1 | 0:37:01 | 88 |
| 1925 | 49992.7 | 0.04 | 6728.0 1 | 0:38:34 | 88 |
| 1950 | 50002.1 | 0.04 | 6727.9 1 | 0:39:35 | 88 |
| 1975 | 50005.3 | 0.04 | 6727.7 1 | 0:40:30 | 88 |
| 2000 | 50002.1 | 0.05 | 6727.5 1 | 0:41:29 | 88 |
| Line 25+5 | 0N D | ate | 11-Jul-96 | | #75 |
| POSITIO | FIELD | ERR | DRIFT | TIME | DS CULT |
| -2000 | 50048 | 0.04 | 6727.1 1 | 0:43:36 | 88 |
| -1 | | | | | |

| Line -30+ | 25N | Date | 22-Jul | 96 #1 | |
|---|---|---|---|---|---|
| POSITIO | FIELD | ERR | DRIFT | TIME | DS CULT |
| 1800 | 50083.2 | 0.04 | 6739.9 | 9:33:25 | 88 |
| 1825 | 50085.8 | 0.04 | 6739.8 | 9:34:17 | 88 |
| 1850 | 50086.8 | 0.04 | 6739.7 | 9:35:26 | 88 |
| 1875 | 50074.6 | 0.04 | 6739.5 | 9:36:16 | 88 |
| 1900 | 50066.9 | 0.04 | 6739.5 | 9:37:00 | 88 |
| 1925 | 50063.5 | 0.04 | 6739.4 | 9:38:13 | 88 |
| 1950 | 50076.8 | 0.04 | 6739.4 | 9:39:18 | 88 |
| 1975 | 50072.3 | 0.04 | 6739.3 | 9:40:59 | 88 |
| 2000 | 50014.2 | 0.04 | 6738.5 | 9:53:31 | 88 |
| 2025 | 50064.2 | 0.03 | 6738.4 | 9:54:34 | 88 |
| 2050 | 50048.8 | 0.04 | 6738.4 | 9:55:28 | 88 |
| 2075 | 50047.7 | 0.04 | 6738.4 | 9:57:17 | 88 |
| 2100 | 50049.6 | 0.04 | 6738.2 | 9:58:47 | 88 |
| 2125 | 50056.2 | 0.04 | 6738.1 | 9:59:56 | 88 |
| 2150 | 50056.7 | 0.03 | 6738.1 | 10:00:45 | 88 |
| 2175 | 50046.9 | 0.04 | 6738.1 | 10:01:36 | 88 |
| 2200 | 50037.5 | 0.04 | 6738.1 | 10:02:29 | 88 |
| 2225 | 50052 | 0.03 | 6738.1 | 10:03:13 | 88 |
| 2250 | 50071.4 | 0.03 | 6737.8 | 10:05:02 | 88 |
| 2275 | 50058.2 | 0.04 | 6737.8 | 10:05:42 | 88 |
| 2300 | 50050.1 | 0.04 | 6737.7 | 10:06:29 | 88 |
| 2325 | 50037.5 | 0.03 | 6737.4 | 10:07:53 | 88 |
| 2350 | 50052.6 | 0.04 | 6737.4 | 10:09:22 | 88 |
| 2375 | 50057.5 | 0.03 | 6737.3 | 10:10:04 | 88 |
| 2400 | 50040 | 0.06 | 6737.5 | 10:10:49 | 88 |
| 2425 | 50042.8 | 0.04 | 6737.5 | 10:11:34 | 88 |
| 2450 | 50056.3 | 0.03 | 6737.3 | 10:12:19 | 88 |
| 2475 | 50047.1 | 0.03 | 6737.2 | 10:13:22 | 88 |
| 2500 | 50054.5 | 0.04 | 6737.3 | 10:14:32 | 88 |
| Line -30+ | 00N | Date | 22-Jul | 96 #30 | |
| POSITIO | FIELD | ERR | DRIFT | TIME | DS CULT |
| -2500 | 50069.5 | 0.05 | 6736.7 | 10:16:09 | 88 |
| -2475 | 50071.5 | 0.04 | 6736.5 | 10:17:26 | 88 |
| -2450 | 50075.9 | 0.03 | 6736.4 | 10:18:02 | 88 |
| -2425 | 50080.9 | 0.04 | 6736.5 | 10:18:46 | 88 |
| -2400 | 50045 | 0.04 | 6736.2 | 10:20:02 | 88 |
| -2375 | 50048.2 | 0.03 | 6736 | 10:20:53 | 88 |
| -2350 | 50055.3 | 0.05 | 6735.9 | 10:21:36 | 88 |
| -2325 | 50044.2 | 0.04 | 6736 | 10:22:21 | 88 |
| -2300 | 50043.9 | 0.03 | 6736.2 | 10:23:15 | 88 |
| -2275 | 50044.4 | 0.04 | 6736.5 | 10:24:23 | 88 |
| -2250 | 50050.4 | 0.05 | 6736.2 | 10:25:35 | 88 |
| -2225 | 50039.1 | 0.04 | 6735.9 | 10:26:51 | 88 |
| -2200 | 50044.4 | 0.04 | 6735.6 | 10:28:03 | 88 |
| -2175 | 50057.3 | 0.04 | 6735.4 | 10:29:34 | 88 |
| -2150 | 50052.5 | 0.04 | 6735.6 | 10:30:49 | 88 |
| -2125 | 50041.4 | 0.04 | 6735.3 | 10:33:20 | 88 |
| -2100 | 50059.4 | 0.03 | 6734.8 | 10:35:58 | 88 |
| -2075 | 50049.3 | 0.04 | 6734.5 | 10:37:54 | 88 |

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|---|---|---|---|---|---|
| -2050 | 50048 | 0.04 | 6734.5 | 10:39:31 | 88 |
| -2025 | 50064.8 | 0.03 | 6734.5 | 10:40:32 | 88 |
| -2000 | 50066.9 | 0.04 | 6734.5 | 10:42:04 | 88 |
| -1975 | 50078 | 0.03 | 6734.5 | 10:42:54 | 88 |
| -1950 | 50137.5 | 0.81 | 6734.2 | 10:44:13 | 58 |
| -1925 | 50100.5 | 0.04 | 6734.1 | 10:45:08 | 88 |
| -1900 | 50101.8 | 0.04 | 6734.2 | 10:46:01 | 88 |
| -1875 | 50075.2 | 0.03 | 6734.2 | 10:46:48 | 88 |
| -1850 | 50072.2 | 0.04 | 6734.1 | 10:47:33 | 88 |

Line -29+ 75N Date 22-Jul 96 #57

| POSITIO | FIELD | ERR | DRIFT | TIME | DS CULT |
|---|---|---|---|---|---|
| 1850 | 50069.3 | 0.03 | 6734 | 10:51:16 | 88 |
| 1875 | 50062.8 | 0.03 | 6734.3 | 10:52:25 | 88 |
| 1900 | 50069.6 | 0.03 | 6734.2 | 10:53:15 | 88 |
| 1925 | 50075.8 | 0.04 | 6734.8 | 10:54:01 | 88 |
| 1950 | 50094.7 | 0.04 | 6734.3 | 10:54:47 | 88 |
| 1975 | 50191.4 | 0.04 | 6734.1 | 10:55:32 | 88 |
| 2000 | 50048.6 | 0.03 | 6734.2 | 10:56:32 | 88 |
| 2025 | 50042.2 | 0.05 | 6734.2 | 10:57:38 | 88 |
| 2050 | 50048.1 | 0.03 | 6734.2 | 10:59:26 | 88 |
| 2075 | 50061 | 0.04 | 6734.2 | 11:00:59 | 88 |
| 2100 | 50045 | 0.03 | 6734.3 | 11:02:15 | 88 |
| 2125 | 50047.6 | 0.04 | 6734.3 | 11:03:11 | 88 |
| 2150 | 50043 | 0.03 | 6734.7 | 11:04:06 | 88 |
| 2175 | 50048.6 | 0.04 | 6734.6 | 11:06:15 | 88 |
| 2200 | 50045.8 | 0.04 | 6734.7 | 11:07:07 | 88 |
| 2225 | 50038.1 | 0.04 | 6734.4 | 11:08:03 | 88 |
| 2250 | 50037.1 | 0.04 | 6734 | 11:09:02 | 88 |
| 2275 | 50038.1 | 0.04 | 6734 | 11:09:49 | 88 |
| 2300 | 50048.6 | 0.04 | 6734.1 | 11:10:27 | 88 |
| 2325 | 50041.7 | 0.04 | 6733.9 | 11:11:15 | 88 |
| 2350 | 50036.6 | 0.03 | 6733.5 | 11:12:03 | 88 |
| 2375 | 50041.8 | 0.04 | 6733.5 | 11:12:50 | 88 |
| 2400 | 50038.1 | 0.04 | 6733.3 | 11:13:35 | 88 |
| 2425 | 50038.1 | 0.03 | 6732.5 | 11:15:22 | 88 |
| 2450 | 50060 | 0.03 | 6732.3 | 11:16:42 | 88 |
| 2475 | 50046.7 | 0.04 | 6731.9 | 11:18:14 | 88 |
| 2500 | 50053.5 | 0.03 | 6731.3 | 11:19:54 | 88 |

Line -29+ 50N Date 22-Jul 96 #84

| POSITIO | FIELD | ERR | DRIFT | TIME | DS CULT |
|---|---|---|---|---|---|
| -2500 | 50061.2 | 0.03 | 6728.7 | 11:33:49 | 88 |
| -2475 | 50074.4 | 0.03 | 6728.5 | 11:34:58 | 88 |
| -2450 | 50074.4 | 0.03 | 6728.4 | 11:35:52 | 88 |
| -2425 | 50067.2 | 0.03 | 6728.1 | 11:37:04 | 88 |
| -2400 | 50057.4 | 0.03 | 6727.9 | 11:39:01 | 88 |
| -2375 | 50044.7 | 0.03 | 6727.9 | 11:39:45 | 88 |
| -2350 | 50050.5 | 0.05 | 6727.8 | 11:40:30 | 88 |
| -2325 | 50050.2 | 0.04 | 6727.6 | 11:41:25 | 88 |
| -2300 | 50046.2 | 0.04 | 6727.4 | 11:42:09 | 88 |
| -2275 | 50030.6 | 0.03 | 6727.2 | 11:43:24 | 88 |
| -2250 | 50047.8 | 0.22 | 6726.2 | 11:47:04 | 48 |

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|---|---|---|---|---|---|
| -2225 | 50027.5 | 0.03 | 6725.8 | 11:49:39 | 88 |
| -2200 | 50057.7 | 0.04 | 6725.9 | 11:51:03 | 88 |
| -2175 | 50055.4 | 0.03 | 6725.7 | 11:52:50 | 88 |
| -2150 | 50054 | 0.04 | 6725.6 | 11:55:43 | 88 |
| -2125 | 50044.2 | 0.03 | 6725.5 | 11:58:03 | 88 |
| -2100 | 50074.3 | 0.05 | 6725.4 | 11:59:57 | 88 |
| -2075 | 50050.5 | 0.04 | 6725.7 | 12:01:33 | 88 |
| -2050 | 50063.7 | 0.04 | 6724.6 | 12:02:52 | 88 |
| -2025 | 50059.8 | 0.04 | 6724.4 | 12:03:34 | 88 |
| -2000 | 50061.1 | 0.04 | 6725.2 | 12:04:37 | 88 |
| -1975 | 50094.5 | 0.04 | 6726.1 | 12:05:33 | 88 |
| -1950 | 50070.5 | 0.03 | 6726.3 | 12:07:03 | 88 |
| -1925 | 50065.5 | 0.04 | 6725.6 | 12:08:17 | 88 |
| -1900 | 50068.9 | 0.03 | 6724.8 | 12:09:36 | 88 |
| -1875 | 50076.5 | 0.04 | 6724.5 | 12:10:28 | 88 |
| -1850 | 50094.3 | 0.04 | 6723.9 | 12:11:33 | 88 |
| -1825 | 50081.6 | 0.03 | 6723.3 | 12:12:25 | 88 |
| -1800 | 50086.4 | 0.04 | 6722.9 | 12:13:12 | 88 |

Line -29+ 25N Date 22-Jul 96 #113

| POSITIO | FIELD | ERR | DRIFT | TIME | DS CULT |
|---|---|---|---|---|---|
| 1800 | 50071.2 | 0.05 | 6722.5 | 12:14:02 | 88 |
| 1825 | 50061.6 | 0.04 | 6721.1 | 12:16:32 | 88 |
| 1850 | 50075.7 | 0.04 | 6720.2 | 12:17:30 | 88 |
| 1875 | 50078.2 | 0.03 | 6719.1 | 12:18:47 | 88 |
| 1900 | 50082.8 | 0.05 | 6719.2 | 12:20:24 | 88 |
| 1925 | 50059.6 | 0.03 | 6719 | 12:21:24 | 88 |
| 1950 | 50056.4 | 0.04 | 6719.5 | 12:26:01 | 88 |
| 1975 | 50046.2 | 0.04 | 6719.6 | 12:27:34 | 88 |
| 2000 | 50127.3 | 0.03 | 6718.9 | 12:29:27 | 88 |
| 2025 | 50022.8 | 0.04 | 6718.4 | 12:30:59 | 88 |
| 2050 | 50031.4 | 0.03 | 6717.9 | 12:32:24 | 88 |
| 2075 | 50033.8 | 0.04 | 6717.1 | 12:34:39 | 88 |
| 2100 | 50040.2 | 0.03 | 6716.6 | 12:36:14 | 88 |
| 2125 | 50000.7 | 0.23 | 6716.5 | 12:37:10 | 88 |
| 2150 | 50049.9 | 0.03 | 6716.6 | 12:38:21 | 88 |
| 2175 | 50028.1 | 0.03 | 6716.3 | 12:40:29 | 88 |
| 2200 | 50002.4 | 0.03 | 6716.3 | 12:42:01 | 88 |
| 2225 | 50037.3 | 0.03 | 6716.5 | 12:43:22 | 88 |
| 2250 | 50030.5 | 0.03 | 6716.7 | 12:44:43 | 88 |
| 2275 | 50024.2 | 0.03 | 6717.1 | 12:46:09 | 88 |
| 2300 | 50018.8 | 0.04 | 6717.3 | 12:47:08 | 88 |
| 2325 | 50031.3 | 0.03 | 6717.8 | 12:48:09 | 88 |
| 2350 | 50032.1 | 0.03 | 6718.3 | 12:48:59 | 88 |
| 2375 | 50027.4 | 0.04 | 6718.4 | 12:49:50 | 88 |
| 2400 | 50028.2 | 0.03 | 6718.7 | 12:50:35 | 88 |
| 2425 | 50031.9 | 0.04 | 6719.1 | 12:51:43 | 88 |
| 2450 | 50043.7 | 0.03 | 6719.4 | 12:52:41 | 88 |
| 2475 | 50032 | 0.04 | 6719.7 | 12:53:24 | 88 |
| 2500 | 50030 | 0.04 | 6719.1 | 12:54:30 | 88 |

Line -29+ 00N Date 22-Jul 96 #141

| POSITIO | FIELD | ERR | DRIFT | TIME | DS CULT |
|---|---|---|---|---|---|

| | | | | | |
|---|---|---|---|---|---|
| -2500 | 50055.2 | 0.04 | 6720.2 | 12:55:53 | 88 |
| -2475 | 50043.2 | 0.03 | 6720.3 | 12:56:41 | 88 |
| -2450 | 50048.1 | 0.04 | 6720.4 | 12:57:23 | 88 |
| -2425 | 50037.6 | 0.03 | 6720.5 | 12:58:07 | 88 |
| -2400 | 50048.1 | 0.03 | 6720.8 | 12:58:54 | 88 |
| -2375 | 50045.8 | 0.03 | 6720.9 | 12:59:37 | 88 |
| -2350 | 50027.7 | 0.03 | 6720.8 | 13:00:32 | 88 |
| -2325 | 50046.1 | 0.03 | 6721.2 | 13:06:03 | 88 |
| -2300 | 50064.6 | 0.07 | 6721.4 | 13:07:05 | 88 |
| -2275 | 50046.6 | 0.05 | 6721.8 | 13:08:05 | 88 |
| -2250 | 50012.2 | 0.04 | 6722.4 | 13:12:27 | 88 |
| -2225 | 50019.5 | 0.03 | 6722.4 | 13:15:46 | 88 |
| -2200 | 50035.8 | 0.04 | 6723.2 | 13:19:32 | 88 |
| -2175 | 50029 | 0.03 | 6724.6 | 13:22:18 | 88 |
| -2150 | 50031.5 | 0.03 | 6724.7 | 13:23:22 | 88 |
| -2125 | 50019.7 | 0.04 | 6724.7 | 13:25:46 | 88 |
| -2100 | 50027.5 | 0.03 | 6725.1 | 13:30:00 | 88 |
| -2075 | 50039.7 | 0.04 | 6725.2 | 13:31:51 | 88 |
| -2050 | 50022.8 | 0.06 | 6725.3 | 13:32:59 | 88 |
| -2025 | 50035.2 | 0.03 | 6725.3 | 13:34:17 | 88 |
| -2000 | 50022.4 | 0.03 | 6725.2 | 13:35:38 | 88 |
| -1975 | 50039.7 | 0.03 | 6725 | 13:39:52 | 88 |
| -1950 | 50045.5 | 0.07 | 6724.7 | 13:41:03 | 88 |
| -1925 | 50048.6 | 0.03 | 6724.5 | 13:42:18 | 88 |
| -1900 | 50059.4 | 0.04 | 6724.2 | 13:46:39 | 88 |
| -1875 | 50070.4 | 0.03 | 6724.6 | 13:48:56 | 88 |
| -1850 | 50105.7 | 0.03 | 6724.5 | 13:50:39 | 88 |
| -1825 | 50109.7 | 0.03 | 6724.2 | 13:52:21 | 88 |
| -1800 | 50067.2 | 0.08 | 6724.3 | 13:53:19 | 88 |

| Line -28+ | 75N | Date | | 22-Jul | 96 | #170 |
|---|---|---|---|---|---|---|
| POSITIO | FIELD | ERR | | DRIFT | TIME | DS CULT |
| 1800 | 50061.4 | | 0.04 | 6724.4 | 13:54:10 | 88 |
| 1825 | 50054.7 | | 0.04 | 6724.9 | 13:56:36 | 88 |
| 1850 | 50048.3 | | 0.04 | 6725.3 | 13:58:10 | 88 |
| 1875 | 50047.8 | | 0.04 | 6724.8 | 14:17:11 | 88 |
| 1900 | 50040.6 | | 0.03 | 6724.9 | 14:18:12 | 88 |
| 1925 | 50043.4 | | 0.04 | 6724.7 | 14:19:59 | 88 |
| 1950 | 50039 | | 0.04 | 6724.8 | 14:20:53 | 88 |
| 1975 | 50041.6 | | 0.03 | 6724.8 | 14:21:53 | 88 |
| 2000 | 50032.7 | | 0.05 | 6725.2 | 14:23:08 | 88 |
| 2025 | 50030.8 | | 0.03 | 6725.2 | 14:23:52 | 88 |
| 2050 | 50027.3 | | 0.03 | 6725 | 14:24:45 | 88 |
| 2075 | 50017.8 | | 0.04 | 6724.9 | 14:25:33 | 88 |
| 2100 | 50021 | | 0.05 | 6724.9 | 14:27:06 | 88 |
| 2125 | 50025.3 | | 0.04 | 6725 | 14:28:27 | 88 |
| 2150 | 50018.9 | | 0.04 | 6725 | 14:29:19 | 88 |
| 2175 | 50023 | | 0.04 | 6725 | 14:30:29 | 88 |
| 2200 | 50027.4 | | 0.03 | 6725.4 | 14:31:31 | 88 |
| 2225 | 50034.2 | | 0.04 | 6725.7 | 14:33:11 | 88 |
| 2250 | 50019.7 | | 0.04 | 6726 | 14:34:09 | 88 |
| 2275 | 50005.1 | | 0.03 | 6726.4 | 14:35:57 | 88 |

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|---|---|---|---|---|---|
| 2300 | 50009.2 | 0.04 | 6726.5 | 14:36:42 | 88 |
| 2325 | 50016.9 | 0.03 | 6726.4 | 14:37:37 | 88 |
| 2350 | 50025 | 0.03 | 6726.5 | 14:38:30 | 88 |
| 2375 | 50012.1 | 0.04 | 6726.5 | 14:39:31 | 88 |
| 2400 | 50011.1 | 0.05 | 6726.3 | 14:40:09 | 88 |
| 2425 | 50012 | 0.04 | 6726.3 | 14:40:57 | 88 |
| 2450 | 50013.2 | 0.03 | 6726 | 14:41:52 | 88 |
| 2475 | 50014.6 | 0.03 | 6725.9 | 14:42:42 | 88 |
| 2500 | 50008.4 | 0.04 | 6725.9 | 14:43:42 | 88 |

| Line -28+ | 50N | Date | 22-Jul | 96 | #199 |
|---|---|---|---|---|---|
| POSITIO | FIELD | ERR | DRIFT | TIME | DS CULT |
| -2500 | 50029.4 | 0.03 | 6725.8 | 14:44:28 | 88 |
| -2475 | 50033.6 | 0.03 | 6725.7 | 14:45:14 | 88 |
| -2450 | 50024.8 | 0.04 | 6725.7 | 14:45:59 | 88 |
| -2425 | 50030.8 | 0.03 | 6725.9 | 14:46:42 | 88 |
| -2400 | 50027.8 | 0.03 | 6726 | 14:47:27 | 88 |
| -2375 | 50029.9 | 0.03 | 6726.1 | 14:48:04 | 88 |
| -2350 | 50027.8 | 0.03 | 6726.2 | 14:48:56 | 88 |
| -2325 | 50016 | 0.04 | 6726.6 | 14:49:47 | 88 |
| -2300 | 50014.4 | 0.03 | 6726.8 | 14:50:34 | 88 |
| -2275 | 50008.8 | 0.03 | 6727.4 | 14:53:17 | 88 |
| -2250 | 50006.4 | 0.04 | 6727.8 | 14:54:54 | 88 |
| -2225 | 50009.2 | 0.03 | 6728.2 | 14:56:32 | 88 |
| -2200 | 50011.9 | 0.03 | 6728.7 | 14:57:39 | 88 |
| -2175 | 50010.4 | 0.03 | 6729.1 | 14:59:22 | 88 |
| -2150 | 50012.2 | 0.03 | 6729.7 | 15:01:21 | 88 |
| -2125 | 50021.9 | 0.03 | 6730.1 | 15:03:30 | 88 |
| -2100 | 50014.2 | 0.04 | 6730.5 | 15:06:49 | 88 |
| -2075 | 50024.5 | 0.04 | 6731 | 15:11:10 | 88 |
| -2050 | 50040.5 | 0.04 | 6731.2 | 15:12:15 | 88 |
| -2025 | 50036.8 | 0.03 | 6731.6 | 15:13:10 | 88 |
| -2000 | 50040 | 0.03 | 6731.9 | 15:14:16 | 88 |
| -1975 | 50030.9 | 0.03 | 6732 | 15:15:17 | 88 |
| -1950 | 50047.6 | 0.03 | 6732 | 15:16:17 | 88 |
| -1925 | 50042.7 | 0.04 | 6732.2 | 15:17:24 | 88 |
| -1900 | 50034.4 | 0.04 | 6732.1 | 15:18:25 | 88 |
| -1875 | 50059.8 | 0.03 | 6732 | 15:19:26 | 88 |
| -1850 | 50046.5 | 0.04 | 6732.3 | 15:20:28 | 88 |
| -1825 | 50070.7 | 0.03 | 6732.8 | 15:21:36 | 88 |
| -1800 | 50062.4 | 0.03 | 6733.1 | 15:22:29 | 88 |

| Line -28+ | 25N | Date | 22-Jul | 96 | #228 |
|---|---|---|---|---|---|
| POSITIO | FIELD | ERR | DRIFT | TIME | DS CULT |
| 1800 | 50062.1 | 0.03 | 6733.6 | 15:24:13 | 88 |
| 1825 | 50045.8 | 0.03 | 6733.9 | 15:25:06 | 88 |
| 1850 | 50041.5 | 0.03 | 6734.4 | 15:26:52 | 88 |
| 1875 | 50036.9 | 0.04 | 6734.6 | 15:27:37 | 88 |
| 1900 | 50041.2 | 0.04 | 6734.7 | 15:28:45 | 88 |

| Line -28+ | 25N | Date | | 23-Jul | 96 #1 | |
|---|---|---|---|---|---|---|
| POSITIO | FIELD | ERR | | DRIFT | TIME | DS CULT |
| 1875 | 50035.8 | | 0.09 | 6727.6 | 11:59:03 | 88 |
| 1900 | 50033.3 | | 0.03 | 6727.2 | 12:05:05 | 88 |
| 1925 | 50036.2 | | 0.03 | 6726.9 | 12:06:29 | 88 |
| 1950 | 50030.2 | | 0.03 | 6726.5 | 12:07:20 | 88 |
| 1975 | 50019.9 | | 0.03 | 6726.1 | 12:08:08 | 88 |
| 2000 | 50033 | | 0.03 | 6725.8 | 12:08:59 | 88 |
| 2025 | 50040 | | 0.03 | 6725.5 | 12:10:02 | 88 |
| 2050 | 50035.7 | | 0.04 | 6725.1 | 12:10:48 | 88 |
| 2075 | 50019.4 | | 0.04 | 6724.7 | 12:11:31 | 88 |
| 2100 | 50007.8 | | 0.03 | 6724.4 | 12:12:48 | 88 |
| 2125 | 50011.5 | | 0.04 | 6724.2 | 12:13:40 | 88 |
| 2150 | 50013.7 | | 0.03 | 6724.2 | 12:16:55 | 88 |
| 2175 | 49998.6 | | 0.04 | 6724.4 | 12:18:15 | 88 |
| 2200 | 50013.4 | | 0.03 | 6724.4 | 12:19:12 | 88 |
| 2225 | 50006.2 | | 0.03 | 6724.4 | 12:19:55 | 88 |
| 2250 | 50015.3 | | 0.04 | 6724.1 | 12:21:02 | 88 |
| 2275 | 50011 | | 0.05 | 6724.2 | 12:22:55 | 88 |
| 2300 | 50003.8 | | 0.03 | 6724.2 | 12:23:29 | 88 |
| 2325 | 50002.4 | | 0.04 | 6724 | 12:24:37 | 88 |
| 2350 | 50002.9 | | 0.04 | 6724.1 | 12:25:36 | 88 |
| 2375 | 50005.3 | | 0.04 | 6724.2 | 12:26:29 | 88 |
| 2400 | 50009.1 | | 0.03 | 6724.1 | 12:27:31 | 88 |
| 2425 | 50019.8 | | 0.03 | 6724 | 12:28:38 | 88 |
| 2450 | 50019 | | 0.04 | 6724 | 12:29:27 | 88 |
| 2475 | 50015.5 | | 0.03 | 6723.8 | 12:30:40 | 88 |
| 2500 | 50013.9 | | 0.03 | 6723.9 | 12:31:52 | 88 |
| Line -28+ | 00N | Date | | 23-Jul | 96 #27 | |
| POSITIO | FIELD | ERR | | DRIFT | TIME | DS CULT |
| -2500 | 50024.7 | | 0.03 | 6724.1 | 12:32:47 | 88 |
| -2475 | 50033.6 | | 0.03 | 6724.3 | 12:33:54 | 88 |
| -2450 | 50020.2 | | 0.03 | 6724.8 | 12:35:28 | 88 |
| -2425 | 50016.6 | | 0.03 | 6725.1 | 12:36:30 | 88 |
| -2400 | 50011.5 | | 0.03 | 6725.2 | 12:37:22 | 88 |
| -2375 | 50008.8 | | 0.04 | 6725.4 | 12:38:23 | 88 |
| -2350 | 50009.3 | | 0.03 | 6725.8 | 12:39:54 | 88 |
| -2325 | 49998.5 | | 0.03 | 6726.9 | 12:41:20 | 88 |
| -2300 | 50002.1 | | 0.04 | 6727.4 | 12:42:38 | 88 |
| -2275 | 49998 | | 0.05 | 6727.5 | 12:43:38 | 88 |
| -2250 | 49992.1 | | 0.04 | 6727.1 | 12:45:40 | 88 |
| -2225 | 50008.4 | | 0.03 | 6727.1 | 12:46:51 | 88 |
| -2200 | 50023.2 | | 0.03 | 6727 | 12:48:19 | 88 |
| -2175 | 50006.2 | | 0.04 | 6727 | 12:50:06 | 88 |
| -2150 | 50009.8 | | 0.09 | | | |

| Line -21+ | 00N | Date | | 25-Jul | 96 | | #1 | |
|---|---|---|---|---|---|---|---|---|
| POSITIO | FIELD | ERR | | DRIFT | TIME | DS | CULT | |
| -1900 | 49860.8 | | 0.04 | 6744.2 | 9:16:47 | 88 | | |
| -1875 | 49959.3 | | 0.04 | 6743.7 | 9:18:24 | 88 | | |
| -1850 | 49943.5 | | 0.04 | 6743.5 | 9:20:04 | 88 | | |
| -1825 | 49963.5 | | 0.04 | 6743.6 | 9:22:21 | 88 | | |
| -1800 | 49990 | | 0.04 | 6743.7 | 9:24:57 | 88 | | |
| -1775 | 49972.2 | | 0.03 | 6743.7 | 9:28:28 | 88 | | |
| -1750 | 49995.9 | | 0.03 | 6743.6 | 9:29:19 | 88 | | |
| -1725 | 50027.1 | | 0.04 | 6743.7 | 9:30:17 | 88 | | |
| -1700 | 49983.1 | | 0.04 | 6743.9 | 9:31:29 | 88 | | |
| -1675 | 49983.8 | | 0.04 | 6743.8 | 9:32:50 | 88 | | |
| -1650 | 49989.1 | | 0.03 | 6743.7 | 9:33:48 | 88 | | |
| -1625 | 49990.8 | | 0.04 | 6743.7 | 9:34:52 | 88 | | |
| -1600 | 50024.8 | | 0.04 | 6743.2 | 9:37:04 | 88 | | |
| -1575 | 50132.3 | | 0.04 | 6742.5 | 9:40:22 | 88 | | |
| -1550 | 49927.9 | | 0.04 | 6742 | 9:42:35 | 88 | | |
| -1525 | 49906.7 | | 0.04 | 6741.8 | 9:43:28 | 88 | | |
| -1500 | 49894.8 | | 0.06 | 6741.6 | 9:44:35 | 88 | | |
| Line -20+ | 75N | Date | | 25-Jul | 96 | # | | 18 |
| POSITIO | FIELD | ERR | | DRIFT | TIME | DS | CULT | |
| 1500 | 49904.7 | | 0.04 | 6740.8 | 9:48:05 | 88 | | |
| 1525 | 49904.8 | | 0.04 | 6741.2 | 9:49:24 | 88 | | |
| 1550 | 49910.2 | | 0.04 | 6741.2 | 9:50:32 | 88 | | |
| 1575 | 49931.7 | | 0.04 | 6741.2 | 9:51:36 | 88 | | |
| 1600 | 49942.5 | | 0.04 | 6741.3 | 9:52:39 | 88 | | |
| 1625 | 49976.7 | | 0.04 | 6741.1 | 9:54:05 | 88 | | |
| 1650 | 50000.1 | | 0.04 | 6740.7 | 9:55:15 | 88 | | |
| 1675 | 49982.3 | | 0.03 | 6740.5 | 9:56:37 | 88 | | |
| 1700 | 49999.7 | | 0.03 | 6740.3 | 9:57:53 | 88 | | |
| 1725 | 49957.9 | | 0.04 | 6739.8 | 9:58:55 | 88 | | |
| 1750 | 49996.5 | | 0.03 | 6739.6 | 10:00:17 | 88 | | |
| 1775 | 49983 | | 0.04 | 6739.5 | 10:01:51 | 88 | | |
| 1800 | 49972.5 | | 0.04 | 6739.9 | 10:02:41 | 88 | | |
| 1825 | 49962.6 | | 0.03 | 6740.2 | 10:03:29 | 88 | | |
| Line -20+ | 50N | Date | | 25-Jul | 96 | # | | 32 |
| POSITIO | FIELD | ERR | | DRIFT | TIME | DS | CULT | |
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| -1800 | 49967 | | 0.04 | 6740.7 | 10:05:27 | 88 | | |
| -1775 | 49977.2 | | 0.04 | 6741 | 10:06:39 | 88 | | |
| -1750 | 49976.7 | | 0.04 | 6741.1 | 10:07:29 | 88 | | |
| -1725 | 49995.9 | | 0.04 | 6741.1 | 10:08:19 | 88 | | |
| -1700 | 49996 | | 0.02 | 6740.7 | 10:09:37 | 88 | | |
| -1675 | 50003.2 | | 0.04 | 6740.6 | 10:10:31 | 88 | | |
| -1650 | 50022.1 | | 0.03 | 6740.4 | 10:11:38 | 88 | | |
| -1625 | 49993.6 | | 0.04 | 6740.2 | 10:12:31 | 88 | | |
| -1600 | 49954.8 | | 0.05 | 6740.1 | 10:13:41 | 88 | | |
| -1575 | 49948.5 | | 0.04 | 6740 | 10:14:30 | 88 | | |
| -1550 | 49942.4 | | 0.05 | 6739.9 | 10:15:14 | 88 | | |
| -1525 | 49958.5 | | 0.3 | 6739.2 | 10:17:25 | 68 | | |
| -1500 | 49954.9 | | 0.04 | 6738.7 | 10:18:15 | 88 | | |

| Line -20+ | 25N | Date | 25-Jul | 96 # | | 46 |
|---|---|---|---|---|---|---|
| POSITIO | FIELD | ERR | DRIFT | TIME | DS | CULT |
| 1500 | 49983.3 | 0.03 | 6738.3 | 10:19:22 | 88 | |
| 1525 | 49979 | 0.04 | 6738.1 | 10:20:22 | 88 | |
| 1550 | 49981.4 | 0.03 | 6737.9 | 10:21:27 | 88 | |
| 1575 | 50001.2 | 0.04 | 6737.5 | 10:22:41 | 88 | |
| 1600 | 50005.9 | 0.04 | 6737.3 | 10:24:00 | 88 | |
| 1625 | 50039.2 | 0.04 | 6737.1 | 10:25:22 | 88 | |
| 1650 | 50021.2 | 0.05 | 6736.2 | 10:27:09 | 88 | |
| 1675 | 50011.2 | 0.06 | 6735.6 | 10:28:26 | 88 | |
| 1700 | 50049.5 | 0.04 | 6735 | 10:29:39 | 88 | |
| 1725 | 50029 | 0.04 | 6734.4 | 10:30:44 | 88 | |
| 1750 | 50010.8 | 0.03 | 6734 | 10:31:42 | 88 | |
| 1775 | 50021.1 | 0.03 | 6734.1 | 10:32:41 | 88 | |
| 1800 | 50071 | 0.44 | 6735.1 | 10:34:26 | 48 | |
| 1825 | 49970.7 | 0.04 | 6735.7 | 10:35:29 | 88 | |
| Line -20+ | 00N | Date | 25-Jul | 96 # | | 60 |
| POSITIO | FIELD | ERR | DRIFT | TIME | DS | CULT |
| -1825 | 49980.6 | 0.03 | 6736.1 | 10:44:05 | 88 | |
| -1800 | 49976.6 | 0.03 | 6735 | 10:46:03 | 88 | |
| -1775 | 49980.9 | 0.03 | 6734.5 | 10:47:21 | 88 | |
| -1750 | 49972 | 0.04 | 6732.7 | 10:53:28 | 88 | |
| -1725 | 50029.5 | 0.03 | 6732.9 | 10:54:23 | 88 | |
| -1700 | 50033.5 | 0.05 | 6732.9 | 10:55:14 | 88 | |
| -1675 | 50052.5 | 0.03 | 6732.8 | 10:56:05 | 88 | |
| -1650 | 50020.2 | 0.04 | 6732.7 | 10:56:54 | 88 | |
| -1625 | 50085.6 | 0.04 | 6732.9 | 10:58:00 | 88 | |
| -1600 | 50060.1 | 0.04 | 6732.4 | 11:02:25 | 88 | |
| -1575 | 50109.3 | 0.03 | 6732.7 | 11:03:30 | 88 | |
| -1550 | 50033.9 | 0.03 | 6732.4 | 11:05:00 | 88 | |
| -1525 | 50092.8 | 0.03 | 6732.4 | 11:05:57 | 88 | |
| -1500 | 50164.5 | 0.03 | 6732 | 11:06:54 | 88 | |
| Line -19+ | 75N | Date | 25-Jul | 96 # | | 74 |
| POSITIO | FIELD | ERR | DRIFT | TIME | DS | CULT |
| 1500 | 50363.6 | 0.03 | 6731.8 | 11:08:33 | 88 | |
| 1525 | 50224.7 | 0.04 | 6731.1 | 11:10:58 | 88 | |
| 1550 | 50123.4 | 0.04 | 6731 | 11:11:59 | 88 | |
| 1575 | 50100.6 | 0.03 | 6730.8 | 11:12:59 | 88 | |
| 1600 | 50115.2 | 0.04 | 6730.3 | 11:14:27 | 88 | |
| 1625 | 50016.4 | 0.03 | 6730.1 | 11:15:15 | 88 | |
| 1650 | 50009.2 | 0.03 | 6729.8 | 11:16:12 | 88 | |
| 1675 | 49959.2 | 0.04 | 6729.5 | 11:17:08 | 88 | |
| 1700 | 49979.5 | 0.04 | 6729.4 | 11:17:57 | 88 | |
| 1725 | 50100 | 0.04 | 6729.3 | 11:18:52 | 88 | |
| 1750 | 50005.3 | 0.04 | 6729 | 11:19:42 | 88 | |
| 1775 | 50047.6 | 0.04 | 6728.9 | 11:20:41 | 88 | |
| 1800 | 49968.3 | 0.03 | 6728.8 | 11:21:47 | 88 | |
| 1825 | 49957.2 | 0.03 | 6728.5 | 11:22:56 | 88 | |
| Line -19+ | 50N | Date | 25-Jul | 96 # | | 88 |
| POSITIO | FIELD | ERR | DRIFT | TIME | DS | CULT |
| -1800 | 50098.3 | 0.04 | 6728.5 | 11:24:33 | 88 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| -1775 | 50052.7 | 0.05 | 6728.2 | 11:26:56 | 88 | |
| -1750 | 49991.5 | 0.03 | 6727.6 | 11:28:19 | 88 | |
| -1725 | 49996.9 | 0.03 | 6727.4 | 11:29:43 | 88 | |
| -1700 | 49989.5 | 0.04 | 6727.5 | 11:31:08 | 88 | |
| -1675 | 49973.2 | 0.04 | 6727.3 | 11:32:02 | 88 | |
| -1650 | 50002.5 | 0.03 | 6727.2 | 11:32:50 | 88 | |
| -1625 | 50067.2 | 0.03 | 6727.1 | 11:33:50 | 88 | |
| -1600 | 50189.5 | 0.03 | 6726.7 | 11:35:19 | 88 | |
| -1575 | 50089.6 | 0.04 | 6726.4 | 11:36:26 | 88 | |
| -1550 | 50107.6 | 0.04 | 6726.2 | 11:37:20 | 88 | |
| -1525 | 50125.6 | 0.03 | 6726 | 11:38:22 | 88 | |
| -1500 | 51231.7 | 0.05 | 6725.9 | 11:40:35 | 88 | |
| Line -19+ | 25N | Date | 25-Jul | 96 #1 | | 1 |
| POSITIO | FIELD | ERR | DRIFT | TIME | DS | CULT |
| 1500 | 50590.7 | 0.04 | 6725.3 | 11:43:01 | 88 | |
| 1525 | 50094.9 | 0.05 | 6725.1 | 11:44:05 | 88 | |
| 1550 | 50091.6 | 0.04 | 6725.2 | 11:45:06 | 88 | |
| 1575 | 50151.7 | 0.03 | 6724.9 | 11:46:05 | 88 | |
| 1600 | 49926.3 | 0.04 | 6724.5 | 11:47:27 | 88 | |
| 1625 | 49877 | 0.04 | 6724.7 | 11:48:22 | 88 | |
| 1650 | 49971 | 0.04 | 6724.3 | 11:50:23 | 88 | |
| 1675 | 49959.1 | 0.05 | 6724.2 | 11:51:17 | 88 | |
| 1700 | 49959.8 | 0.09 | 6724.1 | 11:52:16 | 88 | |
| 1725 | 49927.2 | 0.04 | 6723.7 | 11:54:56 | 88 | |
| 1750 | 49915.8 | 0.05 | 6723.7 | 11:56:10 | 88 | |
| 1775 | 49936.5 | 0.03 | 6723.9 | 11:57:12 | 88 | |
| 1800 | 49913.8 | 0.04 | 6724 | 11:58:13 | 88 | |
| Line -19+ | 00N | Date | 25-Jul | 96 #1 | | 14 |
| POSITIO | FIELD | ERR | DRIFT | TIME | DS | CULT |
| -1800 | 49938.4 | 0.03 | 6723.9 | 12:00:49 | 88 | |
| -1775 | 49961.8 | 0.04 | 6724 | 12:02:13 | 88 | |
| -1750 | | | | | | |

# Appendix X

# Downhole IP Report

# LOGISTICAL REPORT

# DOWNHOLE INDUCED POLARIZATION SURVEY

## CLONE PRJECT

## STEWART AREA, BRITISH COLUMBIA

on behalf of

TEUTON RESOURCES CORP.
509 - 675 West Hastings Street
Vancouver, B.C. V6B 1N2

Field work completed: September 21-30, 1996

by

Alan Scott, Geophysicist
SCOTT GEOPHYSICS LTD.
4013 West 14th Avenue
Vancouver, B.C. V6R 2X3

October 2, 1996

TABLE OF CONTENTS

## 1. INTRODUCTION

Downhole induced polarization surveys (DHIP surveys) were performed at the Clone Project, Stewart Area, B.C., within the period September 21-30, 1996. The survey was conducted by Scott Geophysics Ltd. on behalf of Teuton Resources Corp.

An axial gradient array was used for the directional DHIP survey. The current electrode sources were located at the surface and the axial gradient measurements were taken within the boreholes at an "a" spacing of 20 metres and at a data interval of 5 m.

This report describes the instrumentation and procedures, presents the results of the survey, and gives a brief discussion of those results.

## 2. SURVEY COVERAGE AND DATA PRESENTATION

Five boreholes were surveyed at the Clone Project, namely CL96-19, 25, 29, 30, and 43. The following table summarizes the location of the surface electrodes and depth of survey for each borehole. A common remote electrode, which was located some 1200 metres north of the survey area, was used for all the borehole logs.

| ddh | True Azimuth | Grid Azimuth | Inclination (from horiz.) | Current source locations (w.r.t. Grid Azimuth) | Depth Surveyed |
|---|---|---|---|---|---|
| CL96-19 | 220 | 265 | -65 | 100N, 100E, 100S, 100W | 15-165 m |
| CL96-25 | 65 | 110 | -80 | 100N, 100E, 100S, 100W | 15-165 m |
| CL96-29 | 245 | 290 | -75 | 100N, 100E, 100S, 100W | 15-165 m |
| CL96-30 | 65 | 110 | -70 | 100N, 100E, 100S | 15-270 m |
| | | | | 200N, 200E, 200S | 15-270 m |
| CL96-43 | 245 | 290 | -75 | 100N, 100E, 100S, 100W | 15-215 m |

Ideally, each hole would have been surveyed with sources at both 100 and 200 m in all four directions, but topography restricted access to those locations noted above.

The results are presented as profiles of the chargeability (IP), in units of mV/Volt and of the normalized primary voltage (Vp), in units of mV/Amp. The latter can be considered a proxy for the resistivity. It is the primary voltage measured when the current is on per amp of transmitted current. Resistivities have not been computed at this time since this will require detailed consideration of the surface topography.

The profiles for each borehole are located in map pocket 1 at the rear of this report. They have been plotted at a depth scale of 1:1000. The profile scales are 10 mV/V per cm for the IP and 200 mV/Amp per cm for the nomalized Vp. The legends give additional details on the form of presentation for each of the plots.

Map pocket 2 contains a listing of the final edited data. The data disk in map pocket 3 has ASCII format files for each of these edited listings. It also contains the raw survey data (\DAT) and SURFER format plot files for each of the plots accompanying this report (\PLOTS).

## 3. PERSONNEL

Jim Hawkins, Geophysicist, was the party chief on the survey on behalf of Scott Geophysics Ltd. Ed Kruchkowski, Geologist, was the representative on site on behalf of Teuton Resources Corp.

## 4. INSTRUMENTATION

A Scintrex IPR12 receiver and IRIS VIP3000 (3.0 kw) transmitter along with a downhole IP system custom built to Scott Geophysics specifications were used for the DHIP survey. Readings were taken in the time domain using a 2 second current pulse (0.125 Hz). The chargeablity plotted on the accompanying logs is for the interval 690-1050 msecs after shutoff.

## 4. DISCUSSION OF RESULTS

The discussion of results in this report gives a preliminary assessment of the survey. It is intended to draw attention to the main chargeability (IP) highs detected on the survey, in case they are of interest to the present drilling program. Additional interpretation, including calculation of the apparent resistivities and correlation to the geological logs, is recommended prior to the next drilling stage.

In general, the interpretation is based on the fact that the IP response will be stronger for a current electrode that is located on the same side as the chargeable body than for the current electrode located on the opposite side. This general rule, however, is subject to two main constraints. Firstly, the dip of the body w.r.t. the borehole axis and the surface will effect the response, and secondly, the primary field will be near zero at critical geometric points. Such critical points occur where a line from that point within the borehole to the relevant current electrode is approximately normal to the borehole axis. The resulting very low primary voltages can lead to unreliable IP measurements. In addition, the critical points may be offset somewhat from that geometric location, depending on resistivity variations within the geoelectric section and surface topography.

To avoid misinterpretation due to dipping bodies, and to ensure there will be an independent current source at any critical depth point, it is better to have at least two separate current sources in each direction. The terrain rendered this impractical for the present survey.

The following discussion of the results, therefore, only treats those IP responses which appear to be very well defined and are not likely to be associated with critical geometric points.

DDH CL96-19:

A strong IP high was detected at the top of the surveyed portion of CL96-19. It is interpreted to indicate a near surface source extending preferentially to the west of the borehole axis, which would be up and to the west, since the borehole was drilled to the grid west.

The negative normalized Vp response at about 50m on the S log is probably located near a critical geometric point.

A broad, moderate IP high was detected at a depth of some 100m on the current west log for ddh CL96-19, with only background or weak IP response on the other directional logs. It is interpreted to indicate the presence of a target at that depth to the west of hole CL96-19.

A broad weak IP high was detected at about 140m depth. The response is slightly higher on the S and E logs versus the N and W logs, suggesting a weakly chargeable zone which extends preferentially to the S and E.

It suggests the presence of a weak chargeable zone, but no preferred direction is indicated.

DDH CL96-25:

The negative normalized Vp responses at about 25m on the S log, and at about 55m and 70m on the E logs, are probably related to a critical geometric point.

A broad, moderate IP high was detected at a depth of some 130m on all the directional logs in ddh CL96-25. The amplitude is somewhat higher on the E versus the W log, and slightly higher on the N versus the S log. This suggests that a target lies, or extends preferentially, at about that depth to the east, and perhaps to the north, of CL96-25.

DDH CL96-29:

The negative normalized Vp response at about 50m on the S log is probably located near a critical geometric point. Further evaluation is required before offering an opinion on whether the IP high on the S log immediately below that is related to a critical point or indicates a source to the S.

A broad, moderate IP high was detected at a depth of some 85m on all the directional logs in ddh CL96-29. The amplitude differences for the N versus S and E versus W logs are not large, and further evaluation is required before inferring a preferred direction.

A weak IP high was detected at a depth of some 140m on the W and N logs, with only background response on the E and S logs. This suggests that a target lies at that depth to the NW of CL96-29.

DDH CL96-30:

The negative normalized Vp response in the vicinity of 50m depth is probably located near the critical geometric point for the 100m current electrodes.

A moderate IP high was detected at about 90m in CL96-30 on the 200S and 200E logs and at about 100m on the 100S and 100E logs. This suggests a target lies at about that depth to the S and E. This response may, however, be associated with a critical point for the 200m electrodes, as suggested by the negative normalized Vp at about 100m on the S and E logs.

A narrow, strong IP high was detected at a depth of some 150 m on the 200E log. It gives a weak response on the 100E log and a broad, weak response on the 100S and 200S logs. It is interpreted as indicating a source which extends preferentially to the S and E.

A strong IP high was detected at a depth of some 210m on the 200E log. It gives a weak response on the 100E log and only background response on the N and S logs. This suggests a target lies at that depth to the E of CL96-30, most probably dipping upwards towards the 200m E electrode. West logs were not obtained in CL96-30 due to the presence of a canyon.

DDH CL96-43:

A strong IP high was detected on the W log at the top of the surveyed portion of CL96-43. It is interpreted to indicate a near surface source extending preferentially to the W of the borehole.

The negative normalized Vp response at about 50m on the S and W logs are probably located near a critical geometric point.

A broad, moderate IP high was detected at a depth of some 110m on the W and N logs for CL96-43, with broad, weak IP highs at 130m on the S and E logs. It is interpreted to indicate the presence of a target at that depth that extends preferentially to the W and N of CL96-43.

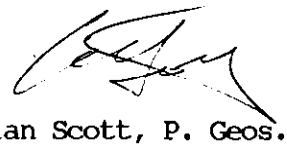
A broad, weak IP high was detected at a depth of some 195m on all logs. It is interpreted to represent a weakly chargeable zone with no preferred direction.

## 5. RECOMMENDATIONS

A preliminary evaluation of the results of the downhole IP survey at the Clone Project has suggested preferred directions for several targets, as described in the preceeding Discussion of Results. Correlation of these suggested targets to the geological logs is required before any specific target could be recommended for additional drilling.

Subject to that geological evaluation, and the results of any additional drilling, a detailed interpretation of these results, including calculation of the apparent resistivities, is recommended.

Respectfully Submitted,



Alan Scott, P. Geos.

Statement of Qualifications

for

Alan Scott, Geophysicist

of

4013 West 14th Avenue
Vancouver, B.C. V6R 2X3

I, Alan Scott, hereby certify the following statements regarding my qualifications, and my involvement in the program of work described in this report.

1. The work was performed by individuals sufficiently trained and qualified for its performance.

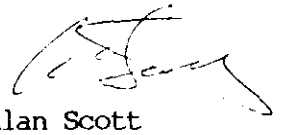
2. I have no material interest in the property under consideration in this report, nor in the company on whose behalf the work was performed.

3. I graduated from the University of British Columbia with a Bachelor of Science degree (Geophysics) in 1970, and with a Master of Business Administration degree in 1982.

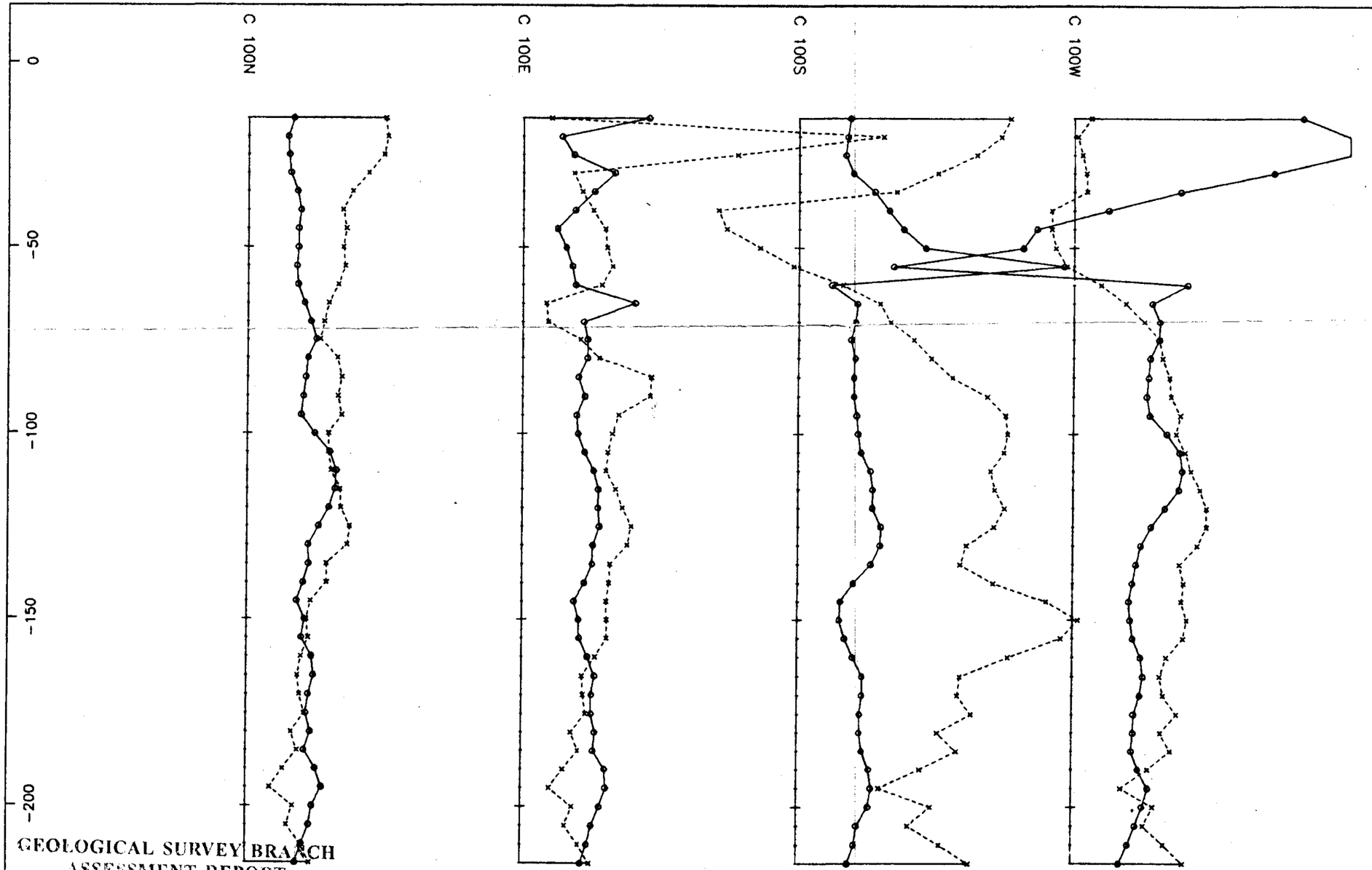
4. I am a member of the Association of Professional Engineers and Geoscientists of the Province of British Columbia.

5. I have been practicing my profession as a Geophysicist in the field of Mineral Exploration since 1970.

Respectfully submitted,



Alan Scott




CL96-43 Az 245, Dip -75, Depth 223m

Directional Array:

| | |
|---|---|
| receiver | Scintrex IPR12 |
| pulse time | 2 seconds |
| Mx window | 690-1050 msecs |
| transmitter | Iris VIP 3000 (3kw) |
| array | axial gradient |
| a spacing | 20 meters |
| C2 (far current) | > 1200 m North |

C1 (Grid coordinate w.r.t. collar):

| | |
|---|---|
| Log #1 | C1 100N |
| Log #2 | C1 100E |
| Log #3 | C1 100S |
| Log #4 | C1 100W |

Grid North 315 degrees

| | |
|---|---|
| o——o | chargeability |
| scale | 10 mV/V /cm |
| x – x | normalized VP |
| scale | 200 mV/amp /cm |
| positive | to right of graph |

chargeability values truncated at 75 mV/V

0 20 40 60 80

METERS

TEUTON RESOURCES CORP.

# CLONE PROJECT

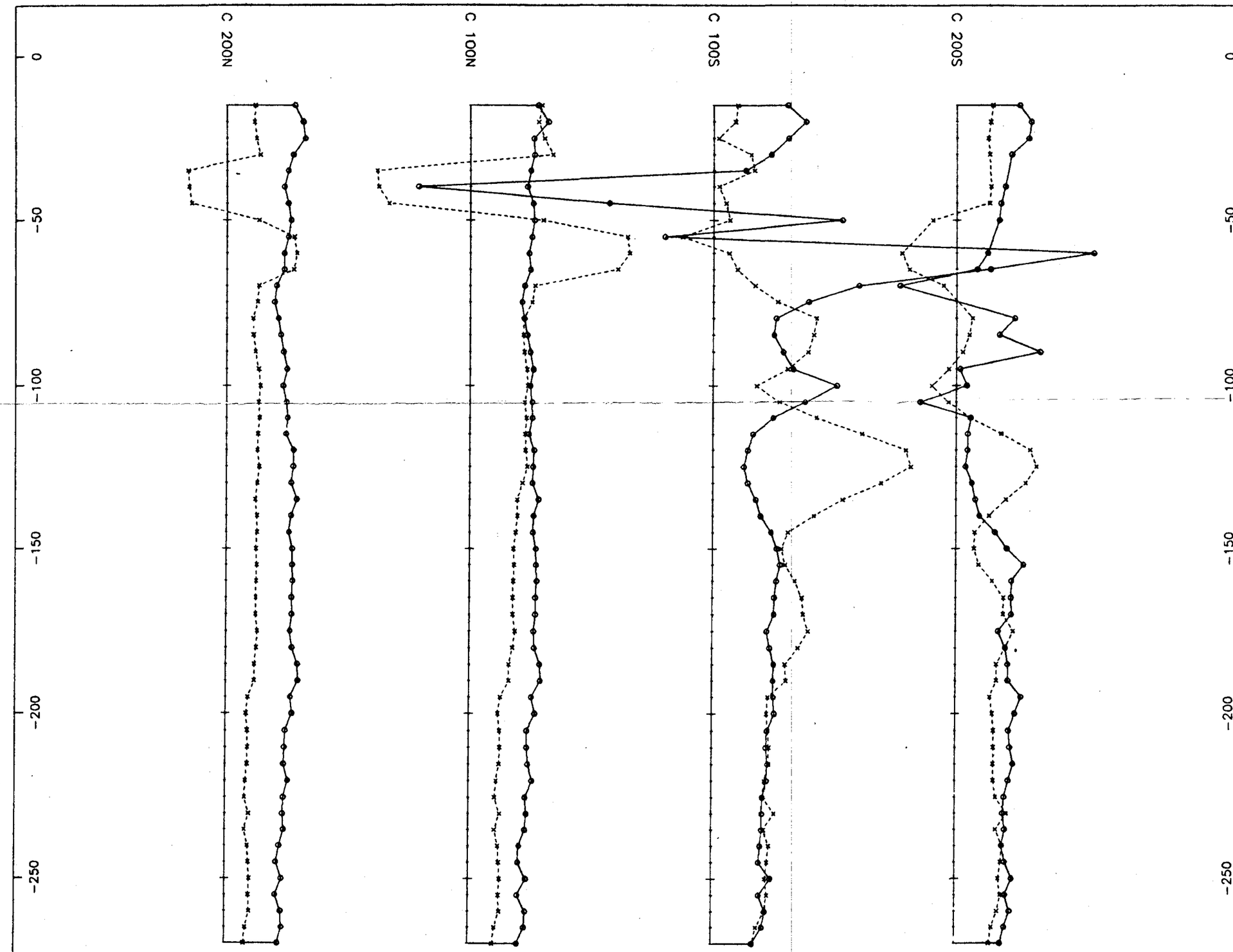
STEWART AREA, B.C.

DOWNHOLE IP SURVEY

DDH CL96-43

DRAWN BY: arw | DATE: Oct/96

SCOTT GEOPHYSICS LTD.




CL96-30 Az 65, Dip -70, Depth 280m

Directional Array:

| | |
|---|---|
| receiver | Scintrex IPR12 |
| pulse time | 2 seconds |
| Mx window | 690-1050 msecs |
| transmitter | Iris VIP 3000 (3kw) |
| array | axial gradient |
| a spacing | 20 meters |
| C2 (far current) | > 1200 m North |

C1 (Grid coordinate w.r.t. collar):

| | |
|---|---|
| Log #1 | C1 200N |
| Log #2 | C1 100N |
| Log #3 | C1 100S |
| Log #4 | C1 200S |

Grid North 315 degrees

| | |
|---|---|
| o---o | chargeability |
| scale | 10 mV/V /cm |
| x - - x | normalized VP |
| scale | 200 mV/amp /cm |
| positive | to right of graph |



0 20 40 60 80

METERS

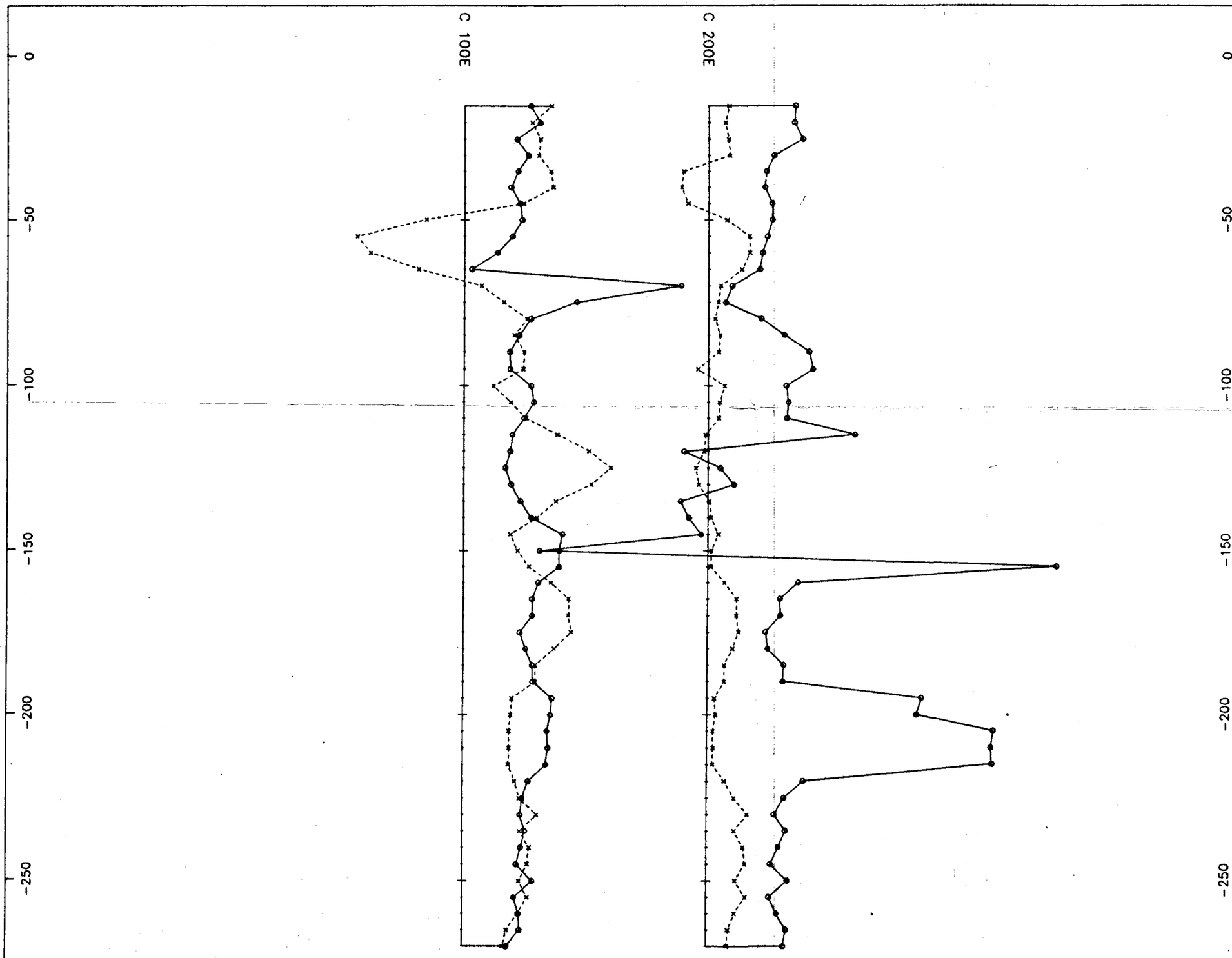
TEUTON RESOURCES CORP.

# CLONE PROJECT

STEWART AREA, B.C.
DOWNHOLE IP SURVEY
DDH CL96-30
Current Electrodes North and South

| | |
|---|---|
| DRAWN BY: arw | DATE: Oct/96 |

SCOTT GEOPHYSICS LTD.




CL96-30 Az 65, Dip -70, Depth 280m

Directional Array:

| | |
|---|---|
| receiver | Scintrex IPR12 |
| pulse time | 2 seconds |
| Mx window | 690-1050 msecs |
| transmitter | Iris VIP 3000 (3kw) |
| array | axial gradient |
| a spacing | 20 meters |
| C2 (far current) | > 1200 m North |

C1 (Grid coordinate w.r.t. collar):

| | |
|---|---|
| Log #1 | C1 100E |
| Log #2 | C1 200E |

Grid North 315 degrees

| | |
|---|---|
| o---o | chargeability |
| scale | 10 mV/V /cm |
| x - x | normalized VP |
| scale | 200 mV/amp /cm |

positive ~~to right of graph~~

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

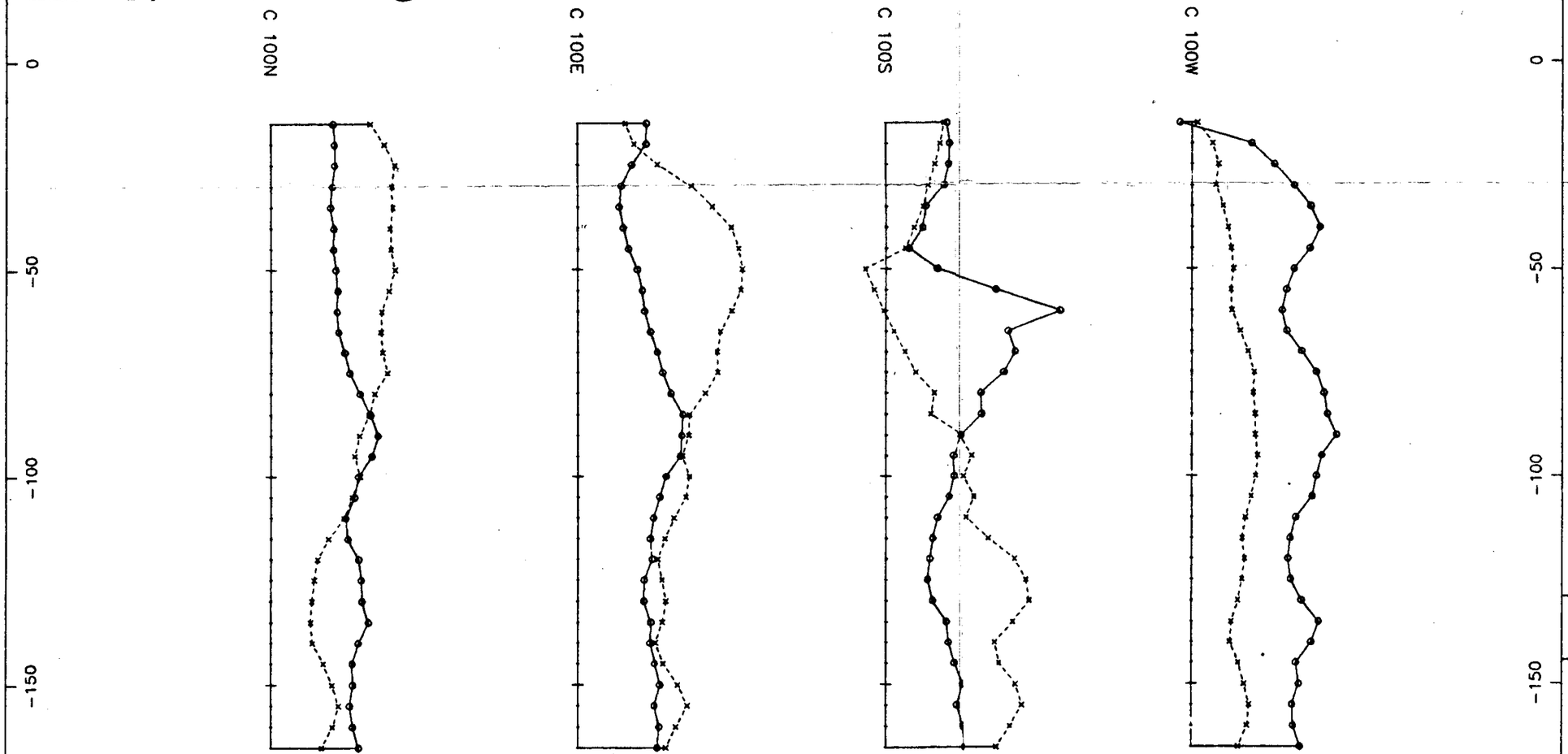
24,938

0 20 40 60 80
METERS

TEUTON RESOURCES CORP.

CLONE PROJECT
STEWART AREA, B.C.
DOWNHOLE IP SURVEY
DDH CL96-30
Current Electrodes East

DRAWN BY: arw | DATE: Oct/96
SCOTT GEOPHYSICS LTD.




CL96-29 Az 245, Dip -75, Depth 179 m

Directional Array:

| | |
|---|---|
| receiver | Scintrex IPR12 |
| pulse time | 2 seconds |
| Mx window | 690-1050 msecs |
| transmitter | Iris VIP 3000 (3kw) |
| array | axial gradient |
| a spacing | 20 meters |
| C2 (far current) | > 1200 m North |

C1 (Grid coordinate w.r.t. collar):

| | |
|---|---|
| Log #1 | C1 100N |
| Log #2 | C1 100E |
| Log #3 | C1 100S |
| Log #4 | C1 100W |

Grid North 315 degrees

| | |
|---|---|
| o---o | chargeability |
| scale | 10 mV/V /cm |
| x - x | normalized VP |
| scale | 200 mV/amp /cm |
| positive | to right of graph |

0 20 40 60 80

METERS

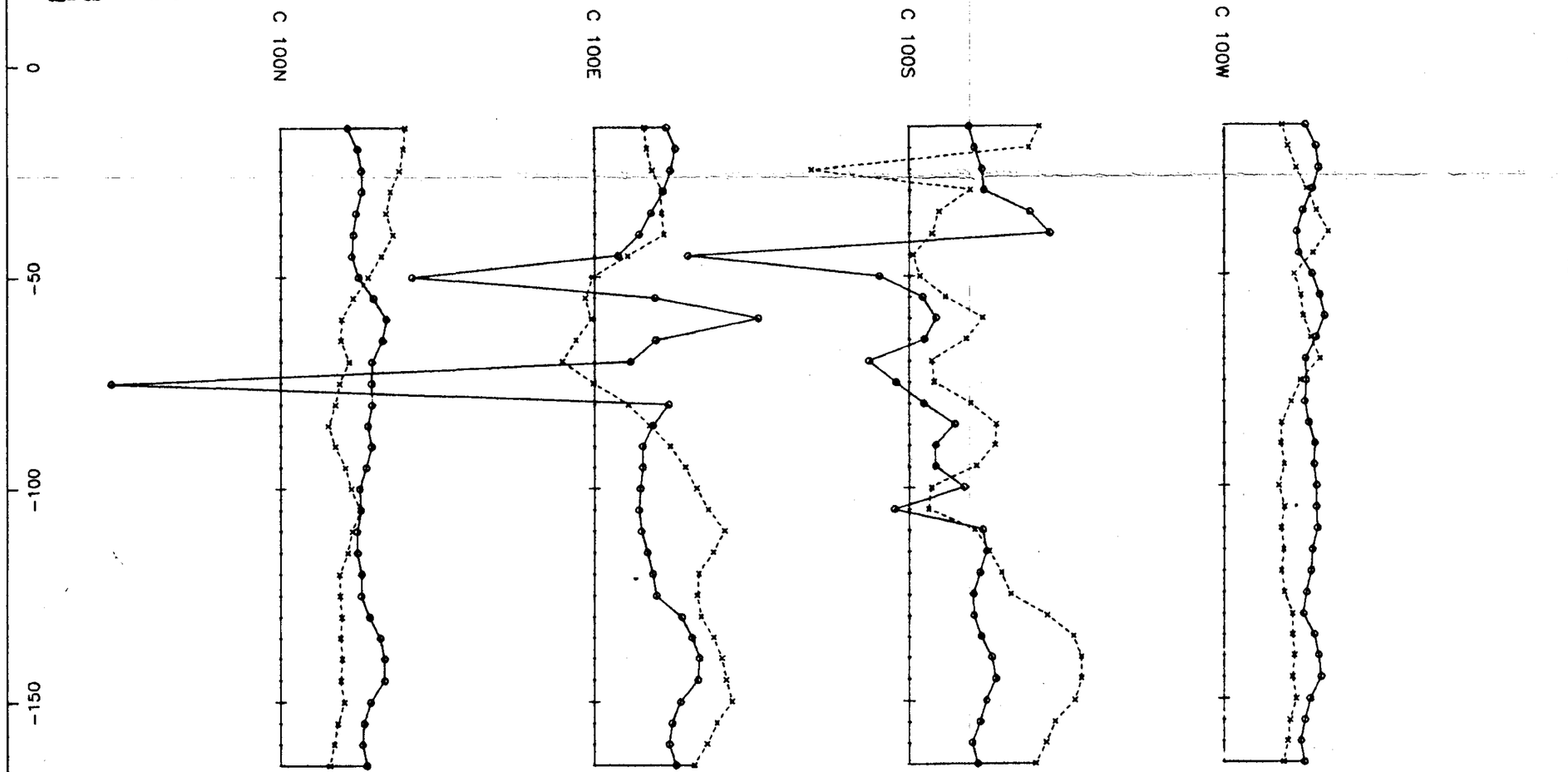
TEUTON RESOURCES CORP.

# CLONE PROJECT

STEWART AREA, B.C.
DOWNHOLE IP SURVEY
DDH CL96-29

| | |
|---|---|
| DRAWN BY: arw | DATE: Oct/96 |
| SCOTT GEOPHYSICS LTD. | |

24,938




CL96-25 Az 65, Dip -80, Depth 177m

Directional Array:

| | |
|---|---|
| receiver | Scintrex IPR12 |
| pulse time | 2 seconds |
| Mx window | 690-1050 msecs |
| transmitter | Iris VIP 3000 (3kw) |
| array | axial gradient |
| a spacing | 20 meters |
| C2 (far current) | > 1200 m North |

C1 (Grid coordinate w.r.t. collar):

| | |
|---|---|
| Log #1 | C1 100N |
| Log #2 | C1 100E |
| Log #3 | C1 100S |
| Log #4 | C1 100W |

Grid North 315 degrees

| | |
|---|---|
| o---o | chargeability |
| scale | 10 mV/V /cm |
| x - x | normalized VP |
| scale | 200 mV/amp /cm |
| positive | to right of graph |

0 20 40 60 80

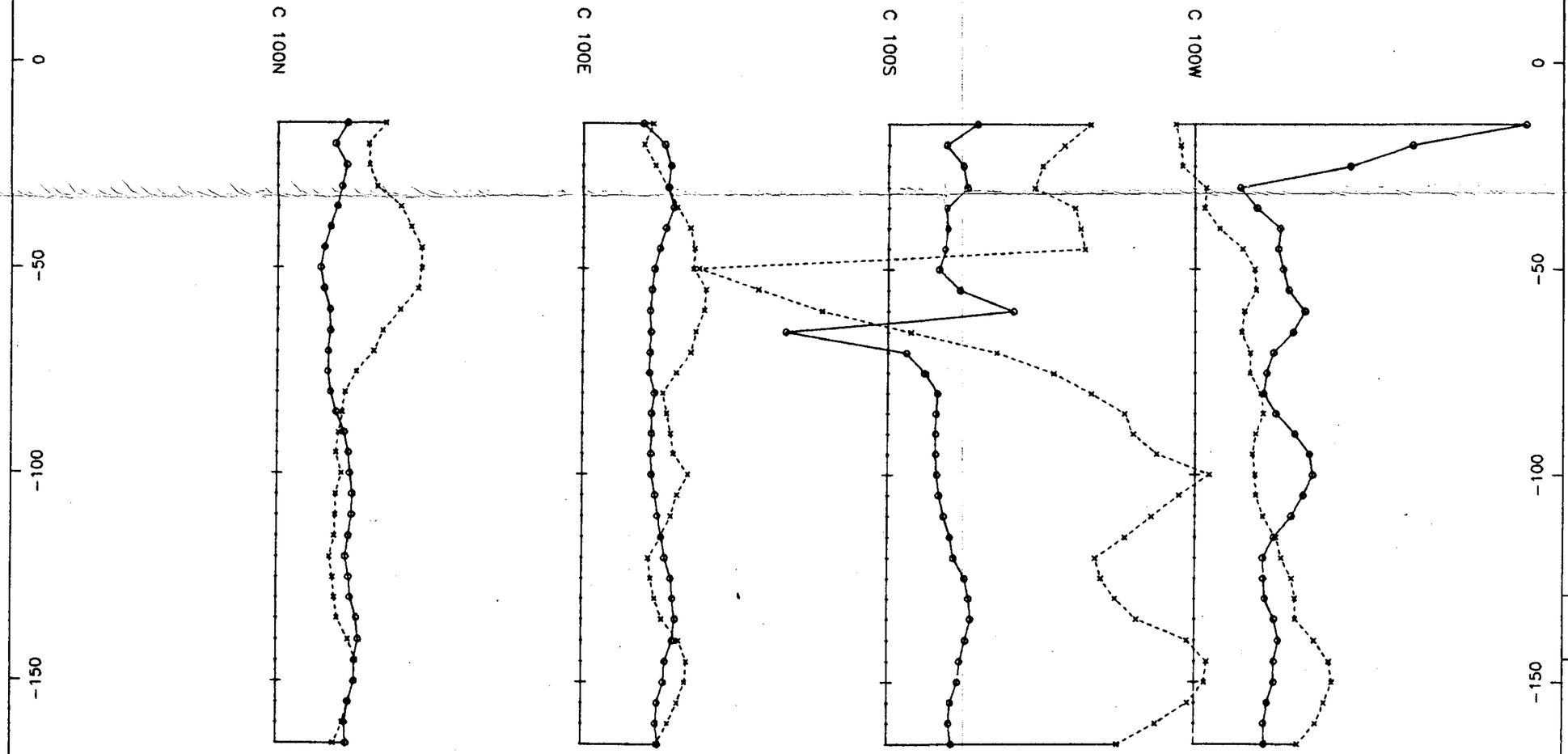
METERS

TEUTON RESOURCES CORP.

# CLONE PROJECT

STEWART AREA, B.C.
DOWNHOLE IP SURVEY
DDH CL96-25

| | |
|---|---|
| DRAWN BY: arw | DATE: Oct/96 |
| SCOTT GEOPHYSICS LTD. | |




CL96-19 Az 220, Dip -65, Depth 181m

Directional Array:

| | |
|---|---|
| receiver | Scintrex IPR12 |
| pulse time | 2 seconds |
| Mx window | 690-1050 msecs |
| transmitter | Iris VIP 3000 (3kw) |
| array | axial gradient |
| a spacing | 20 meters |
| C2 (far current) | > 1200 m North |

C1 (Grid coordinate w.r.t. collar):

| | |
|---|---|
| Log #1 | C1 100N |
| Log #2 | C1 100E |
| Log #3 | C1 100S |
| Log #4 | C1 100W |

Grid North 315 degrees

| | |
|---|---|
| o—o | chargeability |
| scale | 10 mV/V /cm |
| x - x | normalized Vp |
| scale | 200 mV/amp /cm |
| positive | to right of graph |

0 20 40 60 80
METERS

TEUTON RESOURCES CORP.

# CLONE PROJECT

STEWART AREA, B.C.
DOWNHOLE IP SURVEY
DDH CL96-19

DRAWN BY: anw | DATE: Oct/96
SCOTT GEOPHYSICS LTD.

$$DATA$$ 12 -1 8 -2000 1 Sept/96
Array:P Trav dir:S Current:T Num Sep:3 A Spc:20,20,20 Eff.Sep:1,2,3
TEUTON RESOURCES CORP. - CLONE PROJECT, STEWART, B.C.
DDH9619 - Az 222, Dip -65, Depth 177 m
DOWNHOLE IP SURVEY
vertical gradient array, C2 @ 1200N; C1 @ 100N, 100E, 100S, 100W
Mx chargeability for the interval 690-1050 msecs after shutoff
Normalized VP = VP / current x 1000
NOTE: Grid North 315 Degrees

| LINESTN | SEP | XGD | YGD | VP | SP | Mx | NVP | Mi | TAU | FIT | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3 | 3 | 3 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | | | |
| (T62,2A8,A3,T1,3F8.0,F5.0,3F6.0,2F7.0) | | | | | | | | | | | | | |
| 75.0 | | -15.0 | 530.13 | -11 | 17.1 | 530 | 374 | 48.000 | 2.70 | 100N | 15N | 1 | |
| 75.0 | | -20.0 | 447.09 | 26 | 14.2 | 447 | 242 | 128.000 | 1.13 | 100N | 20N | 1 | |
| 75.0 | | -25.0 | 450.77 | 32 | 17.0 | 451 | 250 | 32.000 | 0.96 | 100N | 25N | 1 | |
| 75.0 | | -30.0 | 491.39 | 42 | 15.8 | 491 | 240 | 16.000 | 3.73 | 100N | 30N | 1 | |
| 75.0 | | -35.0 | 604.83 | 24 | 14.5 | 605 | 211 | 16.000 | 0.83 | 100N | 35N | 1 | |
| 75.0 | | -40.0 | 656.04 | -6 | 12.9 | 656 | 184 | 4.000 | 0.37 | 100N | 40N | 1 | |
| 75.0 | | -45.0 | 706.46 | -6 | 11.4 | 706 | 165 | 2.000 | 0.29 | 100N | 45N | 1 | |
| 75.0 | | -50.0 | 707.95 | 5 | 10.5 | 708 | 155 | 2.000 | 0.69 | 100N | 50N | 1 | |
| 75.0 | | -55.0 | 691.60 | 0 | 11.4 | 692 | 165 | 2.000 | 0.24 | 100N | 55N | 1 | |
| 75.0 | | -60.0 | 605.03 | 13 | 12.9 | 605 | 185 | 2.000 | 0.55 | 100N | 60N | 1 | |
| 75.0 | | -65.0 | 518.70 | -0 | 13.0 | 519 | 186 | 2.000 | 0.48 | 100N | 65N | 1 | |
| 75.0 | | -70.0 | 474.63 | -1 | 12.5 | 475 | 179 | 2.000 | 0.72 | 100N | 70N | 1 | |
| 75.0 | | -75.0 | 388.81 | 94 | 12.4 | 389 | 179 | 4.000 | 0.51 | 100N | 75N | 1 | |
| 75.0 | | -80.0 | 334.70 | -6 | 13.1 | 335 | 187 | 4.000 | 0.57 | 100N | 80N | 1 | |
| 75.0 | | -85.0 | 320.98 | 3 | 14.5 | 321 | 207 | 4.000 | 0.81 | 100N | 85N | 1 | |
| 75.0 | | -90.0 | 302.93 | 7 | 16.6 | 303 | 230 | 4.000 | 0.50 | 100N | 90N | 1 | |
| 75.0 | | -95.0 | 289.98 | -87 | 17.6 | 290 | 244 | 4.000 | 0.42 | 100N | 95N | 1 | |
| 75.0 | | -100.0 | 317.15 | 2 | 17.9 | 317 | 250 | 8.000 | 0.55 | 100N | 100N | 1 | |
| 75.0 | | -105.0 | 290.09 | -0 | 18.5 | 290 | 254 | 2.000 | 0.70 | 100N | 105N | 1 | |
| 75.0 | | -110.0 | 286.77 | -2 | 18.4 | 287 | 252 | 4.000 | 0.57 | 100N | 110N | 1 | |
| 75.0 | | -115.0 | 283.54 | -3 | 17.7 | 284 | 245 | 4.000 | 0.81 | 100N | 115N | 1 | |
| 75.0 | | -120.0 | 261.32 | 1 | 17.0 | 261 | 237 | 2.000 | 0.43 | 100N | 120N | 1 | |
| 75.0 | | -125.0 | 277.28 | 7 | 17.8 | 277 | 246 | 4.000 | 0.70 | 100N | 125N | 1 | |
| 75.0 | | -130.0 | 285.74 | 28 | 18.2 | 286 | 251 | 2.000 | 0.68 | 100N | 130N | 1 | |
| 75.0 | | -135.0 | 298.51 | 17 | 19.7 | 299 | 268 | 2.000 | 0.89 | 100N | 135N | 1 | |
| 75.0 | | -140.0 | 354.89 | 7 | 20.2 | 355 | 275 | 2.000 | 0.63 | 100N | 140N | 1 | |
| 75.0 | | -145.0 | 390.56 | -2 | 19.3 | 391 | 265 | 2.000 | 0.68 | 100N | 145N | 1 | |
| 75.0 | | -150.0 | 386.17 | -14 | 19.2 | 386 | 267 | 1.000 | 0.70 | 100N | 150N | 1 | |
| 75.0 | | -155.0 | 354.87 | 96 | 17.8 | 355 | 250 | 1.000 | 0.51 | 100N | 155N | 1 | |
| 75.0 | | -160.0 | 329.12 | 11 | 16.9 | 329 | 240 | 1.000 | 0.49 | 100N | 160N | 1 | |
| 75.0 | | -165.0 | 284.38 | -2 | 17.3 | 284 | 244 | 1.000 | 0.75 | 100N | 165N | 1 | |
| 150.0 | | -15.0 | 171.02 | -16 | 14.7 | 342 | 100 | 0.000 | 29.37 | 100E | 15N | 1 | |
| 150.0 | | -20.0 | 148.72 | 26 | 20.0 | 297 | 406 | 48.000 | 4.27 | 100E | 20N | 1 | |
| 150.0 | | -25.0 | 176.94 | 32 | 21.5 | 354 | 321 | 64.000 | 3.20 | 100E | 25N | 1 | |
| 150.0 | | -30.0 | 208.00 | 43 | 20.9 | 416 | 315 | 64.000 | 3.82 | 100E | 30N | 1 | |
| 150.0 | | -35.0 | 230.13 | 29 | 22.1 | 460 | 346 | 128.000 | 0.86 | 100E | 35N | 1 | |
| 150.0 | | -40.0 | 262.63 | -7 | 20.3 | 525 | 292 | 32.000 | 0.49 | 100E | 40N | 1 | |
| 150.0 | | -45.0 | 273.05 | -6 | 18.8 | 546 | 265 | 16.000 | 0.30 | 100E | 45N | 1 | |
| 150.0 | | -50.0 | 270.17 | 3 | 17.5 | 540 | 243 | 8.000 | 0.33 | 100E | 50N | 1 | |
| 150.0 | | -55.0 | 301.92 | 1 | 16.9 | 604 | 237 | 8.000 | 0.19 | 100E | 55N | 1 | |
| 150.0 | | -60.0 | 297.72 | 13 | 16.5 | 595 | 232 | 8.000 | 0.26 | 100E | 60N | 1 | |
| 150.0 | | -65.0 | 277.04 | -1 | 16.7 | 554 | 232 | 4.000 | 0.55 | 100E | 65N | 1 | |
| 150.0 | | -70.0 | 264.98 | -1 | 16.5 | 530 | 230 | 4.000 | 0.31 | 100E | 70N | 1 | |
| 150.0 | | -75.0 | 230.06 | 94 | 16.4 | 460 | 228 | 4.000 | 0.30 | 100E | 75N | 1 | |
| 150.0 | | -80.0 | 196.88 | -7 | 17.6 | 394 | 246 | 8.000 | 0.53 | 100E | 80N | 1 | |
| 150.0 | | -85.0 | 206.67 | 3 | 16.9 | 413 | 235 | 4.000 | 0.39 | 100E | 85N | 1 | |
| 150.0 | | -90.0 | 215.67 | 7 | 16.9 | 431 | 235 | 4.000 | 0.20 | 100E | 90N | 1 | |
| 150.0 | | -95.0 | 223.00 | -87 | 16.8 | 446 | 235 | 4.000 | 0.63 | 100E | 95N | 1 | |
| 150.0 | | -100.0 | 258.89 | 1 | 16.9 | 518 | 234 | 4.000 | 0.42 | 100E | 100N | 1 | |
| 150.0 | | -105.0 | 232.66 | -1 | 17.8 | 465 | 246 | 4.000 | 0.27 | 100E | 105N | 1 | |
| 150.0 | | -110.0 | 216.61 | -3 | 18.4 | 433 | 255 | 8.000 | 0.55 | 100E | 110N | 1 | |
| 150.0 | | -115.0 | 192.66 | -3 | 19.4 | 385 | 268 | 8.000 | 0.48 | 100E | 115N | 1 | |
| 150.0 | | -120.0 | 163.22 | 2 | 20.3 | 326 | 274 | 4.000 | 0.26 | 100E | 120N | 1 | |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 150.0 | -125.0 | 168.45 | 7 | 21.8 | 337 | 294 | 8.000 | 0.20 | 100E | 125N | 1 |
| 150.0 | -130.0 | 178.59 | 27 | 22.3 | 357 | 300 | 8.000 | 0.42 | 100E | 130N | 1 |
| 150.0 | -135.0 | 196.99 | 18 | 22.9 | 394 | 305 | 8.000 | 0.30 | 100E | 135N | 1 |
| 150.0 | -140.0 | 238.27 | 8 | 22.3 | 477 | 297 | 4.000 | 0.38 | 100E | 140N | 1 |
| 150.0 | -145.0 | 257.37 | -2 | 20.5 | 515 | 278 | 4.000 | 0.44 | 100E | 145N | 1 |
| 150.0 | -150.0 | 253.22 | -14 | 20.1 | 506 | 272 | 2.000 | 0.66 | 100E | 150N | 1 |
| 150.0 | -155.0 | 234.91 | 96 | 18.6 | 470 | 255 | 2.000 | 0.47 | 100E | 155N | 1 |
| 150.0 | -160.0 | 212.74 | 12 | 18.2 | 425 | 252 | 2.000 | 0.29 | 100E | 160N | 1 |
| 150.0 | -165.0 | 185.13 | -1 | 18.8 | 370 | 258 | 2.000 | 0.48 | 100E | 165N | 1 |
| 225.0 | -15.0 | 495.31 | -18 | 22.1 | 991 | 351 | 0.125 | 1.31 | 100S | 15N | 1 |
| 225.0 | -20.0 | 432.39 | 26 | 14.5 | 865 | 207 | 2.000 | 0.81 | 100S | 20N | 1 |
| 225.0 | -25.0 | 379.45 | 33 | 18.7 | 759 | 257 | 4.000 | 1.62 | 100S | 25N | 1 |
| 225.0 | -30.0 | 361.10 | 42 | 19.7 | 722 | 260 | 4.000 | 3.14 | 100S | 30N | 1 |
| 225.0 | -35.0 | 458.01 | 32 | 14.4 | 916 | 202 | 4.000 | 1.39 | 100S | 35N | 1 |
| 225.0 | -40.0 | 471.24 | -7 | 14.7 | 942 | 213 | 1.000 | 0.86 | 100S | 40N | 1 |
| 225.0 | -45.0 | 481.66 | -6 | 14.0 | 963 | 210 | 0.500 | 1.17 | 100S | 45N | 1 |
| 225.0 | -50.0 | -466.00 | 3 | 12.5 | -932 | 190 | 0.500 | 0.94 | 100S | 50N | 1 |
| 225.0 | -55.0 | -319.55 | 1 | 17.8 | -639 | 246 | 4.000 | 0.39 | 100S | 55N | 1 |
| 225.0 | -60.0 | -162.47 | 14 | 30.9 | -325 | 390 | 2.000 | 0.80 | 100S | 60N | 1 |
| 225.0 | -65.0 | 56.05 | -1 | -25.1 | 112 | -33 | 2.000 | 0.95 | 100S | 65N | 1 |
| 225.0 | -70.0 | 268.09 | -0 | 4.5 | 536 | 70 | 2.000 | 0.56 | 100S | 70N | 1 |
| 225.0 | -75.0 | 406.01 | 94 | 9.1 | 812 | 142 | 16.000 | 0.88 | 100S | 75N | 1 |
| 225.0 | -80.0 | 497.29 | -7 | 12.3 | 995 | 177 | 4.000 | 0.64 | 100S | 80N | 1 |
| 225.0 | -85.0 | 578.14 | 3 | 11.9 | 1156 | 175 | 8.000 | 0.24 | 100S | 85N | 1 |
| 225.0 | -90.0 | 600.61 | 6 | 11.8 | 1201 | 173 | 8.000 | 0.26 | 100S | 90N | 1 |
| 225.0 | -95.0 | 657.48 | -86 | 11.8 | 1315 | 186 | 32.000 | 0.63 | 100S | 95N | 1 |
| 225.0 | -100.0 | 785.26 | 0 | 12.1 | 1571 | 177 | 8.000 | 0.42 | 100S | 100N | 1 |
| 225.0 | -105.0 | 712.47 | -0 | 12.6 | 1425 | 183 | 8.000 | 0.49 | 100S | 105N | 1 |
| 225.0 | -110.0 | 644.49 | -2 | 13.8 | 1289 | 199 | 8.000 | 0.34 | 100S | 110N | 1 |
| 225.0 | -115.0 | 579.54 | -3 | 15.4 | 1159 | 218 | 8.000 | 0.41 | 100S | 115N | 1 |
| 225.0 | -120.0 | 507.35 | 2 | 16.3 | 1015 | 235 | 16.000 | 0.44 | 100S | 120N | 1 |
| 225.0 | -125.0 | 521.46 | 8 | 19.1 | 1043 | 269 | 16.000 | 0.56 | 100S | 125N | 1 |
| 225.0 | -130.0 | 556.21 | 28 | 20.1 | 1112 | 281 | 16.000 | 0.58 | 100S | 130N | 1 |
| 225.0 | -135.0 | 608.77 | 19 | 20.5 | 1218 | 278 | 8.000 | 0.52 | 100S | 135N | 1 |
| 225.0 | -140.0 | 732.44 | 8 | 19.3 | 1465 | 264 | 8.000 | 0.44 | 100S | 140N | 1 |
| 225.0 | -145.0 | 780.93 | -1 | 17.8 | 1562 | 246 | 4.000 | 0.42 | 100S | 145N | 1 |
| 225.0 | -150.0 | 774.77 | -13 | 17.3 | 1550 | 240 | 4.000 | 0.29 | 100S | 150N | 1 |
| 225.0 | -155.0 | 734.78 | 96 | 15.6 | 1470 | 220 | 4.000 | 0.41 | 100S | 155N | 1 |
| 225.0 | -160.0 | 656.11 | 13 | 15.2 | 1312 | 213 | 4.000 | 0.44 | 100S | 160N | 1 |
| 225.0 | -165.0 | 562.36 | 0 | 15.8 | 1125 | 223 | 2.000 | 0.75 | 100S | 165N | 1 |
| 300.0 | -15.0 | -18.16 | -22 | 81.2 | -91 | 508 | 0.000 | 31.21 | 100W | 15N | 1 |
| 300.0 | -20.0 | -13.36 | 27 | 53.6 | -67 | 312 | 0.000 | 12.02 | 100W | 20N | 1 |
| 300.0 | -25.0 | -12.06 | 34 | 38.2 | -60 | 249 | 0.000 | 20.09 | 100W | 35N | 1 |
| 300.0 | -30.0 | 11.38 | 43 | 11.2 | 57 | 0 | 0.000 | 0.00 | 100W | 30N | 1 |
| 300.0 | -35.0 | 9.83 | 34 | 15.3 | 49 | 0 | 0.000 | 0.00 | 100W | 35N | 1 |
| 300.0 | -40.0 | 23.96 | -7 | 21.0 | 120 | 0 | 0.000 | 0.00 | 100W | 40N | 1 |
| 300.0 | -45.0 | 47.02 | -5 | 20.5 | 235 | 386 | 48.000 | 19.18 | 100W | 45N | 1 |
| 300.0 | -50.0 | 58.87 | 2 | 21.7 | 294 | 432 | 48.000 | 2.91 | 100W | 50N | 1 |
| 300.0 | -55.0 | 60.11 | 2 | 23.1 | 301 | 422 | 24.000 | 1.75 | 100W | 55N | 1 |
| 300.0 | -60.0 | 48.55 | 14 | 27.0 | 243 | 413 | 256.000 | 1.55 | 100W | 60N | 1 |
| 300.0 | -65.0 | 45.87 | -1 | 24.2 | 229 | 407 | 512.000 | 1.07 | 100W | 65N | 1 |
| 300.0 | -70.0 | 54.27 | -0 | 19.4 | 271 | 309 | 128.000 | 0.56 | 100W | 70N | 1 |
| 300.0 | -75.0 | 54.05 | 93 | 17.7 | 270 | 288 | 128.000 | 0.61 | 100W | 75N | 1 |
| 300.0 | -80.0 | 65.15 | -8 | 16.9 | 326 | 252 | 32.000 | 0.28 | 100W | 80N | 1 |
| 300.0 | -85.0 | 67.40 | 2 | 20.0 | 337 | 288 | 32.000 | 0.22 | 100W | 85N | 1 |
| 300.0 | -90.0 | 59.97 | 6 | 24.6 | 300 | 340 | 32.000 | 0.47 | 100W | 90N | 1 |
| 300.0 | -95.0 | 56.37 | -86 | 28.2 | 282 | 375 | 32.000 | 0.41 | 100W | 95N | 1 |
| 300.0 | -100.0 | 59.20 | -0 | 29.0 | 296 | 384 | 32.000 | 0.42 | 100W | 100N | 1 |
| 300.0 | -105.0 | 60.15 | -1 | 26.6 | 301 | 360 | 32.000 | 0.42 | 100W | 105N | 1 |
| 300.0 | -110.0 | 66.95 | -3 | 23.7 | 335 | 320 | 16.000 | 0.53 | 100W | 110N | 1 |
| 300.0 | -115.0 | 80.17 | -3 | 19.5 | 401 | 267 | 8.000 | 0.44 | 100W | 115N | 1 |
| 300.0 | -120.0 | 85.32 | 2 | 16.8 | 427 | 233 | 4.000 | 0.31 | 100W | 120N | 1 |
| 300.0 | -125.0 | 95.32 | 5 | 16.9 | 477 | 234 | 4.000 | 0.57 | 100W | 125N | 1 |
| 300.0 | -130.0 | 98.99 | 27 | 17.4 | 495 | 241 | 4.000 | 0.71 | 100W | 130N | 1 |
| 300.0 | -135.0 | 99.55 | 18 | 19.7 | 498 | 268 | 4.000 | 0.68 | 100W | 135N | 1 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 300.0 | -145.0 | 132.77 | 1 | 19.7 | 664 | 268 | 2.000 | 0.86 | 100W | 145N | 1 |
| 300.0 | -150.0 | 135.53 | -14 | 19.7 | 678 | 268 | 2.000 | 0.42 | 100W | 150N | 1 |
| 300.0 | -155.0 | 127.92 | 95 | 18.1 | 640 | 251 | 2.000 | 0.52 | 100W | 155N | 1 |
| 300.0 | -160.0 | 119.54 | 13 | 17.2 | 598 | 241 | 2.000 | 0.71 | 100W | 160N | 1 |
| 300.0 | -165.0 | 102.45 | 1 | 17.3 | 512 | 245 | 1.000 | 0.68 | 100W | 165N | 1 |

Sept/96
Array:G Trav dir:S Current:T Num Sep:3 A Spc:20,20,20 Eff.Sep:1,2,3
TEUTON RESOURCES CORP. - CLONE PROJECT, STEWART, B.C.
CL96-25 : Az 065, Dip -80, Depth 177 m
DOWNHOLE IP SURVEY
vertical gradient array, C2 @ 1200N; C1 @ 100N, 100E, 100S, 100W
Mx chargeability for the interval 690-1050 msecs after shutoff
Normalized VP = mV / amp (VP / current x 1000)
NOTE: Grid North 315 Degrees

| LINESTN | SEP | XGD | YGD | VP | SP | Mx | NVP | Mi | TAU | FIT | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 3 | 3 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | | | |
| (T62,2A8,A3,T1,3F8.0,F5.0,3F6.0,2F7.0) | | | | | | | | | | | | | |
| 75.0 | -15.0 | 444.95 | -4 | 15.9 | 593 | 230 | 4.000 | 2.33 | 100N | -15 | 1 | | |
| 75.0 | -20.0 | 408.66 | 0 | 18.3 | 584 | 252 | 2.000 | 1.08 | 100N | -20 | 1 | | |
| 75.0 | -25.0 | 395.95 | -4 | 19.2 | 566 | 261 | 4.000 | 1.04 | 100N | -25 | 1 | | |
| 75.0 | -30.0 | 365.68 | 14 | 19.2 | 522 | 269 | 16.000 | 1.02 | 100N | -30 | 1 | | |
| 75.0 | -35.0 | 374.83 | 9 | 17.9 | 500 | 246 | 4.000 | 0.59 | 100N | -35 | 1 | | |
| 75.0 | -40.0 | 375.20 | 8 | 17.3 | 536 | 240 | 4.000 | 0.52 | 100N | -40 | 1 | | |
| 75.0 | -45.0 | 335.19 | 9 | 16.9 | 479 | 235 | 4.000 | 1.35 | 100N | -45 | 1 | | |
| 75.0 | -50.0 | 312.21 | -11 | 18.5 | 416 | 252 | 4.000 | 0.69 | 100N | -50 | 1 | | |
| 75.0 | -55.0 | 259.40 | 2 | 22.1 | 346 | 297 | 8.000 | 0.39 | 100N | -55 | 1 | | |
| 75.0 | -60.0 | 216.16 | 11 | 25.1 | 288 | 327 | 8.000 | 0.66 | 100N | -60 | 1 | | |
| 75.0 | -65.0 | 229.10 | -5 | 24.2 | 286 | 323 | 16.000 | 0.68 | 100N | -65 | 1 | | |
| 75.0 | -70.0 | 243.88 | -3 | 21.7 | 325 | 291 | 8.000 | 0.65 | 100N | -70 | 1 | | |
| 75.0 | -75.0 | 210.05 | 1 | 21.6 | 280 | 290 | 8.000 | 0.47 | 100N | -75 | 1 | | |
| 75.0 | -80.0 | 194.91 | 170 | 21.7 | 260 | 291 | 8.000 | 0.49 | 100N | -80 | 1 | | |
| 75.0 | -85.0 | 181.47 | 111 | 20.8 | 227 | 282 | 8.000 | 0.26 | 100N | -85 | 1 | | |
| 75.0 | -90.0 | 195.89 | -7 | 21.6 | 261 | 290 | 8.000 | 0.34 | 100N | -90 | 1 | | |
| 75.0 | -95.0 | 230.47 | -7 | 20.4 | 307 | 277 | 8.000 | 0.28 | 100N | -95 | 1 | | |
| 75.0 | -100.0 | 252.45 | -185 | 18.8 | 337 | 260 | 8.000 | 0.42 | 100N | -100 | 1 | | |
| 75.0 | -105.0 | 303.02 | -126 | 19.1 | 379 | 269 | 16.000 | 0.61 | 100N | -105 | 1 | | |
| 75.0 | -110.0 | 272.43 | 30 | 18.2 | 341 | 252 | 8.000 | 0.29 | 100N | -110 | 1 | | |
| 75.0 | -115.0 | 254.81 | 45 | 18.3 | 319 | 254 | 8.000 | 0.26 | 100N | -115 | 1 | | |
| 75.0 | -120.0 | 210.96 | 16 | 19.3 | 281 | 265 | 8.000 | 0.15 | 100N | -120 | 1 | | |
| 75.0 | -125.0 | 212.35 | 215 | 19.2 | 283 | 264 | 8.000 | 0.22 | 100N | -125 | 1 | | |
| 75.0 | -130.0 | 233.31 | -19 | 21.2 | 292 | 285 | 8.000 | 0.48 | 100N | -130 | 1 | | |
| 75.0 | -135.0 | 229.05 | -39 | 23.8 | 286 | 314 | 8.000 | 0.47 | 100N | -135 | 1 | | |
| 75.0 | -140.0 | 219.52 | -7 | 24.8 | 293 | 324 | 8.000 | 0.50 | 100N | -140 | 1 | | |
| 75.0 | -145.0 | 215.48 | -214 | 24.8 | 287 | 332 | 16.000 | 0.49 | 100N | -145 | 1 | | |
| 75.0 | -150.0 | 241.73 | -5 | 21.5 | 302 | 295 | 16.000 | 0.54 | 100N | -150 | 1 | | |
| 75.0 | -155.0 | 218.63 | -3 | 20.0 | 273 | 273 | 8.000 | 0.29 | 100N | -155 | 1 | | |
| 75.0 | -160.0 | 192.37 | 2 | 19.6 | 256 | 267 | 4.000 | 0.35 | 100N | -160 | 1 | | |
| 75.0 | -165.0 | 176.15 | -1 | 20.6 | 235 | 279 | 4.000 | 0.44 | 100N | -165 | 1 | | |
| 150.0 | -15.0 | 235.76 | -3 | 17.1 | 236 | 251 | 0.500 | 2.19 | 100E | -15 | 1 | | |
| 150.0 | -20.0 | 247.40 | -1 | 19.2 | 247 | 277 | 0.500 | 1.61 | 100E | -20 | 1 | | |
| 150.0 | -25.0 | 273.83 | -5 | 18.0 | 274 | 281 | 0.250 | 1.58 | 100E | -25 | 1 | | |
| 150.0 | -30.0 | 314.92 | 13 | 16.2 | 315 | 251 | 0.250 | 1.04 | 100E | -30 | 1 | | |
| 150.0 | -35.0 | 317.62 | 8 | 13.3 | 318 | 201 | 0.500 | 0.88 | 100E | -35 | 1 | | |
| 150.0 | -40.0 | 328.67 | 9 | 10.5 | 329 | 169 | 0.250 | 1.04 | 100E | -40 | 1 | | |
| 150.0 | -45.0 | 155.71 | 12 | 5.5 | 156 | 347 | 0.000 | 3.93 | 100E | -45 | 1 | | |
| 150.0 | -50.0 | -8.68 | -4 | -43.7 | -9 | -57 | 048.000 | 27.72 | 100E | -50 | 1 | | |
| 150.0 | -55.0 | -46.39 | 3 | 14.3 | -46 | 341 | 0.007 | 1.42 | 100E | -55 | 1 | | |
| 150.0 | -60.0 | -16.15 | 11 | 38.9 | -16 | 665 | 0.031 | 1.45 | 100E | -60 | 1 | | |
| 150.0 | -65.0 | -88.91 | -5 | 14.5 | -89 | 240 | 0.125 | 0.87 | 100E | -65 | 1 | | |
| 150.0 | -70.0 | -152.75 | -3 | 8.5 | -153 | 147 | 0.125 | 0.32 | 100E | -70 | 1 | | |
| 150.0 | -75.0 | -5.97 | -1 | -115.3 | -6 | -87 | 048.000 | 2.93 | 100E | -75 | 1 | | |
| 150.0 | -80.0 | 160.66 | 172 | 17.6 | 161 | 245 | 8.000 | 0.73 | 100E | -80 | 1 | | |
| 150.0 | -85.0 | 261.88 | 111 | 13.8 | 262 | 197 | 4.000 | 1.10 | 100E | -85 | 1 | | |
| 150.0 | -90.0 | 358.91 | -6 | 11.4 | 359 | 165 | 2.000 | 0.90 | 100E | -90 | 1 | | |
| 150.0 | -95.0 | 430.50 | -5 | 11.4 | 431 | 165 | 2.000 | 0.94 | 100E | -95 | 1 | | |
| 150.0 | -100.0 | 485.27 | -187 | 10.8 | 485 | 158 | 2.000 | 0.83 | 100E | -100 | 1 | | |
| 150.0 | -105.0 | 540.35 | -126 | 10.5 | 540 | 153 | 2.000 | 0.93 | 100E | -105 | 1 | | |
| 150.0 | -110.0 | 617.51 | 30 | 11.1 | 618 | 161 | 2.000 | 0.81 | 100E | -110 | 1 | | |
| 150.0 | -115.0 | 562.52 | 46 | 12.5 | 563 | 180 | 2.000 | 0.82 | 100E | -115 | 1 | | |
| 150.0 | -120.0 | 495.29 | 16 | 13.8 | 495 | 197 | 4.000 | 0.81 | 100E | -120 | 1 | | |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 150.0 | -125.0 | 488.40 | 215 | 14.7 | 488 | 209 | 4.000 | 0.74 | 100E | -125 | 1 |
| 150.0 | -130.0 | 506.13 | -20 | 20.8 | 506 | 279 | 4.000 | 1.05 | 100E | -130 | 1 |
| 150.0 | -135.0 | 566.48 | -38 | 23.2 | 566 | 309 | 8.000 | 1.03 | 100E | -135 | 1 |
| 150.0 | -140.0 | 605.57 | -6 | 24.9 | 606 | 328 | 8.000 | 0.86 | 100E | -140 | 1 |
| 150.0 | -145.0 | 626.21 | -211 | 24.6 | 626 | 324 | 8.000 | 0.81 | 100E | -145 | 1 |
| 150.0 | -150.0 | 655.24 | -5 | 20.5 | 655 | 277 | 4.000 | 0.45 | 100E | -150 | 1 |
| 150.0 | -155.0 | 582.56 | -3 | 18.5 | 583 | 255 | 2.000 | 0.53 | 100E | -155 | 1 |
| 150.0 | -160.0 | 534.74 | 2 | 17.8 | 535 | 253 | 1.000 | 0.78 | 100E | -160 | 1 |
| 150.0 | -165.0 | 475.14 | -1 | 19.5 | 475 | 274 | 1.000 | 0.85 | 100E | -165 | 1 |
| 225.0 | -15.0 | 124.76 | -3 | 14.3 | 624 | 482 | 0.000 | 4.95 | 100S | -15 | 1 |
| 225.0 | -20.0 | 114.52 | -2 | 15.7 | 573 | 282 | 0.062 | 3.78 | 100S | -20 | 1 |
| 225.0 | -25.0 | -93.32 | -6 | 17.5 | -467 | 116 | 0.000 | 13.48 | 100S | -25 | 1 |
| 225.0 | -30.0 | 57.57 | 12 | 17.9 | 288 | 350 | 0.031 | 11.06 | 100S | -30 | 1 |
| 225.0 | -35.0 | 27.80 | 9 | 28.9 | 139 | 417 | 0.250 | 3.80 | 100S | -35 | 1 |
| 225.0 | -40.0 | 21.08 | 10 | 33.7 | 105 | 435 | 1.000 | 2.46 | 100S | -40 | 1 |
| 225.0 | -45.0 | 3.47 | 15 | -52.9 | 17 | -26 | 0.000 | 75.16 | 100S | -45 | 1 |
| 225.0 | -50.0 | 9.95 | -0 | -7.2 | 50 | -59 | 0.000 | 22.15 | 100S | -50 | 1 |
| 225.0 | -55.0 | 34.36 | 3 | 3.1 | 172 | 86048 | .000 | 15.23 | 100S | -55 | 1 |
| 225.0 | -60.0 | 70.49 | 11 | 6.3 | 352 | 98 | 8.000 | 0.44 | 100S | -60 | 1 |
| 225.0 | -65.0 | 54.29 | -4 | 3.5 | 271 | 55 | 2.000 | 2.08 | 100S | -65 | 1 |
| 225.0 | -70.0 | 20.99 | -3 | -9.7 | 105 | -15 | 0.250 | 1.74 | 100S | -70 | 1 |
| 225.0 | -75.0 | 23.63 | -1 | -3.2 | 118 | -23 | 0.000 | 7.69 | 100S | -75 | 1 |
| 225.0 | -80.0 | 58.57 | 173 | 3.4 | 293 | 91048 | .000 | 13.59 | 100S | -80 | 1 |
| 225.0 | -85.0 | 83.34 | 111 | 10.8 | 417 | 206256 | .000 | 0.76 | 100S | -85 | 1 |
| 225.0 | -90.0 | 82.28 | -6 | 6.2 | 411 | 128256 | .000 | 0.41 | 100S | -90 | 1 |
| 225.0 | -95.0 | 63.90 | -5 | 6.2 | 320 | 170048 | .000 | 0.47 | 100S | -95 | 1 |
| 225.0 | -100.0 | 20.73 | -187 | 13.1 | 104 | 295048 | .000 | 7.85 | 100S | -100 | 1 |
| 225.0 | -105.0 | 18.07 | -126 | -3.6 | 90 | -27 | 0.000 | 27.52 | 100S | -105 | 1 |
| 225.0 | -110.0 | 62.67 | 31 | 17.6 | 313 | 305256 | .000 | 0.38 | 100S | -110 | 1 |
| 225.0 | -115.0 | 76.66 | 46 | 18.5 | 383 | 270 | 32.000 | 0.43 | 100S | -115 | 1 |
| 225.0 | -120.0 | 88.26 | 16 | 16.9 | 441 | 242 | 16.000 | 0.39 | 100S | -120 | 1 |
| 225.0 | -125.0 | 97.27 | 214 | 15.3 | 486 | 217 | 8.000 | 0.68 | 100S | -125 | 1 |
| 225.0 | -130.0 | 132.37 | -20 | 15.4 | 662 | 216 | 4.000 | 0.96 | 100S | -130 | 1 |
| 225.0 | -135.0 | 157.04 | -38 | 17.2 | 785 | 239 | 4.000 | 0.91 | 100S | -135 | 1 |
| 225.0 | -140.0 | 164.43 | -6 | 19.8 | 822 | 267 | 4.000 | 0.96 | 100S | -140 | 1 |
| 225.0 | -145.0 | 164.54 | -211 | 20.7 | 823 | 282 | 8.000 | 0.88 | 100S | -145 | 1 |
| 225.0 | -150.0 | 158.38 | -5 | 18.5 | 792 | 254 | 4.000 | 0.46 | 100S | -150 | 1 |
| 225.0 | -155.0 | 139.75 | -3 | 16.9 | 699 | 235 | 4.000 | 0.74 | 100S | -155 | 1 |
| 225.0 | -160.0 | 131.45 | 0 | 15.0 | 657 | 216 | 1.000 | 0.53 | 100S | -160 | 1 |
| 225.0 | -165.0 | 121.04 | -2 | 16.3 | 605 | 232 | 1.000 | 0.67 | 100S | -165 | 1 |
| 300.0 | -15.0 | 280.09 | -2 | 19.6 | 280 | 269 | 8.000 | 1.16 | 100W | -15 | 1 |
| 300.0 | -20.0 | 307.90 | -2 | 22.1 | 308 | 295 | 2.000 | 0.53 | 100W | -20 | 1 |
| 300.0 | -25.0 | 347.25 | -7 | 22.7 | 347 | 301 | 4.000 | 1.04 | 100W | -25 | 1 |
| 300.0 | -30.0 | 276.92 | 10 | 21.2 | 396 | 286 | 4.000 | 0.99 | 100W | -30 | 1 |
| 300.0 | -35.0 | 442.21 | 8 | 18.9 | 442 | 259 | 2.000 | 0.46 | 100W | -35 | 1 |
| 300.0 | -40.0 | 499.35 | 10 | 17.4 | 499 | 243 | 2.000 | 0.60 | 100W | -40 | 1 |
| 300.0 | -45.0 | 426.39 | 17 | 17.9 | 426 | 246 | 2.000 | 0.77 | 100W | -45 | 1 |
| 300.0 | -50.0 | 336.29 | 1 | 21.1 | 336 | 283 | 2.000 | 0.66 | 100W | -50 | 1 |
| 300.0 | -55.0 | 369.29 | 4 | 22.9 | 369 | 304 | 4.000 | 0.54 | 100W | -55 | 1 |
| 300.0 | -60.0 | 380.09 | 10 | 24.0 | 380 | 315 | 4.000 | 0.27 | 100W | -60 | 1 |
| 300.0 | -65.0 | 415.81 | -5 | 22.0 | 416 | 294 | 4.000 | 0.23 | 100W | -65 | 1 |
| 300.0 | -70.0 | 459.42 | -2 | 19.5 | 459 | 265 | 4.000 | 0.44 | 100W | -70 | 1 |
| 300.0 | -75.0 | 364.63 | -1 | 19.6 | 365 | 267 | 4.000 | 0.59 | 100W | -75 | 1 |
| 300.0 | -80.0 | 320.61 | 173 | 19.3 | 321 | 266 | 8.000 | 0.81 | 100W | -80 | 1 |
| 300.0 | -85.0 | 274.25 | 111 | 20.2 | 274 | 276 | 8.000 | 0.76 | 100W | -85 | 1 |
| 300.0 | -90.0 | 270.40 | -6 | 21.7 | 270 | 293 | 8.000 | 0.68 | 100W | -90 | 1 |
| 300.0 | -95.0 | 287.02 | -4 | 21.5 | 287 | 291 | 8.000 | 0.84 | 100W | -95 | 1 |
| 300.0 | -100.0 | 260.91 | -188 | 22.1 | 261 | 297 | 8.000 | 0.68 | 100W | -100 | 1 |
| 300.0 | -105.0 | 287.77 | -126 | 22.0 | 288 | 296 | 8.000 | 0.52 | 100W | -105 | 1 |
| 300.0 | -110.0 | 270.68 | 31 | 22.3 | 271 | 305 | 16.000 | 0.68 | 100W | -110 | 1 |
| 300.0 | -115.0 | 283.84 | 46 | 21.1 | 284 | 286 | 8.000 | 0.64 | 100W | -115 | 1 |
| 300.0 | -120.0 | 273.32 | 16 | 20.8 | 273 | 281 | 8.000 | 0.52 | 100W | -120 | 1 |
| 300.0 | -125.0 | 287.94 | 214 | 19.7 | 288 | 270 | 8.000 | 0.60 | 100W | -125 | 1 |
| 300.0 | -130.0 | 327.78 | -20 | 19.0 | 328 | 259 | 4.000 | 0.59 | 100W | -130 | 1 |
| 300.0 | -135.0 | 327.50 | -38 | 21.6 | 328 | 289 | 4.000 | 0.66 | 100W | -135 | 1 |
| 300.0 | -140.0 | 336.69 | -6 | 22.6 | 337 | 302 | 8.000 | 0.37 | 100W | -140 | 1 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 300.0 | -145.0 | 327.84 | -211 | 23.2 | 328 | 309 | 8.000 | 0.65 | 100W | -145 | 1 |
| 300.0 | -150.0 | 345.33 | -5 | 20.6 | 345 | 279 | 8.000 | 0.34 | 100W | -150 | 1 |
| 300.0 | -155.0 | 317.21 | -3 | 19.4 | 317 | 267 | 8.000 | 0.74 | 100W | -155 | 1 |
| 300.0 | -160.0 | 304.74 | 0 | 18.4 | 305 | 252 | 4.000 | 0.32 | 100W | -160 | 1 |
| 300.0 | -165.0 | 285.56 | -3 | 19.2 | 286 | 262 | 2.000 | 0.65 | 100W | -165 | 1 |

$$DATA$$ 12 -1 8 -2000 1 Sept/96
Array:G Trav dir:S Current:T Num Sep:3 A Spc:20,20,20 Eff.Sep:1,2,3
TEUTON RESOURCES CORP. - CLONE PROJECT, STEWART, B.C.
CL96-29 : Az 245, Dip -75, Depth 179 m
DOWNHOLE IP SURVEY
vertical gradient array, C2 @ 1200N; C1 @ 100N, 100E, 100S, 100W
Mx chargeability for the interval 690-1050 msecs after shutoff
Normalized VP = mV / amp (VP / current x 1000)
NOTE: Grid North 315 Degrees

| LINESTN | SEP | XGD | YGD | VP | SP | Mx | NVP | Mi | TAU | FIT | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3 | 3 | 3 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| (T62,2A8,A3,T1,3F8.0,F5.0,3F6.0,2F7.0) | | | | | | | | | | | | | |
| | 75.0 | -15.0 | 243.46 | -13 | 15.1 | 487 | 212 | 4.000 | 0.59 | 100N | 15N | 1 | |
| | 75.0 | -20.0 | 277.16 | -16 | 15.5 | 554 | 217 | 4.000 | 0.45 | 100N | 20N | 1 | |
| | 75.0 | -25.0 | 303.18 | -13 | 15.5 | 606 | 218 | 4.000 | 0.27 | 100N | 25N | 1 | |
| | 75.0 | -30.0 | 294.86 | 8 | 14.9 | 590 | 211 | 4.000 | 0.34 | 100N | 30N | 1 | |
| | 75.0 | -35.0 | 297.64 | 6 | 14.5 | 595 | 205 | 4.000 | 0.38 | 100N | 35N | 1 | |
| | 75.0 | -40.0 | 291.74 | 5 | 15.3 | 583 | 215 | 4.000 | 0.61 | 100N | 40N | 1 | |
| | 75.0 | -45.0 | 293.43 | 14 | 15.2 | 587 | 214 | 4.000 | 0.10 | 100N | 45N | 1 | |
| | 75.0 | -50.0 | 303.62 | 16 | 15.8 | 607 | 221 | 4.000 | 0.32 | 100N | 50N | 1 | |
| | 75.0 | -55.0 | 288.05 | 21 | 16.3 | 576 | 235 | 16.000 | 0.65 | 100N | 55N | 1 | |
| | 75.0 | -60.0 | 270.39 | 15 | 16.1 | 541 | 224 | 4.000 | 0.61 | 100N | 60N | 1 | |
| | 75.0 | -65.0 | 269.05 | 2 | 16.5 | 538 | 233 | 8.000 | 0.55 | 100N | 65N | 1 | |
| | 75.0 | -70.0 | 273.03 | -19 | 18.0 | 546 | 250 | 8.000 | 0.51 | 100N | 70N | 1 | |
| | 75.0 | -75.0 | 284.64 | -22 | 19.2 | 569 | 269 | 16.000 | 0.51 | 100N | 75N | 1 | |
| | 75.0 | -80.0 | 252.87 | -7 | 21.7 | 506 | 290 | 8.000 | 0.56 | 100N | 80N | 1 | |
| | 75.0 | -85.0 | 240.71 | -18 | 24.3 | 481 | 325 | 16.000 | 0.18 | 100N | 85N | 1 | |
| | 75.0 | -90.0 | 216.31 | 2 | 26.1 | 433 | 355 | 32.000 | 0.47 | 100N | 90N | 1 | |
| | 75.0 | -95.0 | 204.32 | 17 | 24.6 | 409 | 353 | 64.000 | 0.61 | 100N | 95N | 1 | |
| | 75.0 | -100.0 | 218.17 | -4 | 21.3 | 436 | 287 | 8.000 | 0.46 | 100N | 100N | 1 | |
| | 75.0 | -105.0 | 198.05 | 4 | 20.4 | 396 | 278 | 8.000 | 0.27 | 100N | 105N | 1 | |
| | 75.0 | -110.0 | 178.70 | 2 | 18.2 | 357 | 253 | 8.000 | 0.08 | 100N | 110N | 1 | |
| | 75.0 | -115.0 | 140.44 | -4 | 18.7 | 281 | 255 | 4.000 | 0.48 | 100N | 115N | 1 | |
| | 75.0 | -120.0 | 112.91 | -12 | 21.4 | 226 | 296 | 16.000 | 0.47 | 100N | 120N | 1 | |
| | 75.0 | -125.0 | 83.44 | -2 | 22.0 | 209 | 292 | 4.000 | 1.09 | 100N | 125N | 1 | |
| | 75.0 | -130.0 | 100.16 | -8 | 22.2 | 200 | 297 | 8.000 | 0.54 | 100N | 130N | 1 | |
| | 75.0 | -135.0 | 95.80 | -7 | 23.8 | 192 | 314 | 8.000 | 0.27 | 100N | 135N | 1 | |
| | 75.0 | -140.0 | 100.56 | -8 | 21.3 | 201 | 294 | 16.000 | 0.28 | 100N | 140N | 1 | |
| | 75.0 | -145.0 | 102.15 | 6 | 19.8 | 255 | 268 | 4.000 | 0.37 | 100N | 145N | 1 | |
| | 75.0 | -150.0 | 148.50 | -1 | 19.9 | 297 | 278 | 16.000 | 0.45 | 100N | 150N | 1 | |
| | 75.0 | -155.0 | 165.37 | 6 | 19.2 | 331 | 265 | 8.000 | 0.50 | 100N | 155N | 1 | |
| | 75.0 | -160.0 | 149.40 | 2 | 19.9 | 299 | 272 | 8.000 | 0.47 | 100N | 160N | 1 | |
| | 75.0 | -165.0 | 98.38 | -10 | 21.4 | 246 | 288 | 2.000 | 0.55 | 100N | 165N | 1 | |
| | 150.0 | -15.0 | 116.30 | -14 | 16.8 | 233 | 234 | 2.000 | 0.88 | 100E | 15N | 1 | |
| | 150.0 | -20.0 | 137.69 | -15 | 16.7 | 275 | 233 | 2.000 | 0.77 | 100E | 20N | 1 | |
| | 150.0 | -25.0 | 194.73 | -13 | 13.2 | 389 | 190 | 2.000 | 0.64 | 100E | 25N | 1 | |
| | 150.0 | -30.0 | 276.68 | 8 | 10.6 | 553 | 157 | 1.000 | 0.90 | 100E | 30N | 1 | |
| | 150.0 | -35.0 | 327.72 | 6 | 10.1 | 655 | 155 | 0.500 | 0.69 | 100E | 35N | 1 | |
| | 150.0 | -40.0 | 374.09 | 6 | 11.1 | 748 | 165 | 1.000 | 0.77 | 100E | 40N | 1 | |
| | 150.0 | -45.0 | 391.35 | 14 | 12.4 | 783 | 180 | 2.000 | 0.84 | 100E | 45N | 1 | |
| | 150.0 | -50.0 | 401.01 | 16 | 14.5 | 802 | 206 | 2.000 | 0.68 | 100E | 50N | 1 | |
| | 150.0 | -55.0 | 397.00 | 21 | 15.7 | 794 | 220 | 2.000 | 0.77 | 100E | 55N | 1 | |
| | 150.0 | -60.0 | 374.96 | 16 | 16.3 | 750 | 228 | 4.000 | 0.88 | 100E | 60N | 1 | |
| | 150.0 | -65.0 | 347.39 | 4 | 17.7 | 695 | 245 | 4.000 | 0.66 | 100E | 65N | 1 | |
| | 150.0 | -70.0 | 338.85 | -17 | 19.4 | 678 | 265 | 4.000 | 0.85 | 100E | 70N | 1 | |
| | 150.0 | -75.0 | 340.62 | -21 | 20.7 | 681 | 279 | 4.000 | 0.73 | 100E | 75N | 1 | |
| | 150.0 | -80.0 | 310.36 | -5 | 22.7 | 621 | 305 | 8.000 | 0.87 | 100E | 80N | 1 | |
| | 150.0 | -85.0 | 272.70 | -18 | 25.6 | 545 | 334 | 8.000 | 0.60 | 100E | 85N | 1 | |
| | 150.0 | -90.0 | 270.22 | 3 | 25.3 | 540 | 330 | 8.000 | 0.71 | 100E | 90N | 1 | |
| | 150.0 | -95.0 | 255.50 | 17 | 25.0 | 511 | 326 | 8.000 | 0.66 | 100E | 95N | 1 | |
| | 150.0 | -100.0 | 271.35 | -3 | 21.5 | 543 | 291 | 8.000 | 0.91 | 100E | 100N | 1 | |
| | 150.0 | -105.0 | 262.77 | 5 | 20.0 | 526 | 271 | 4.000 | 0.70 | 100E | 105N | 1 | |
| | 150.0 | -110.0 | 234.40 | 2 | 18.4 | 469 | 254 | 4.000 | 0.82 | 100E | 110N | 1 | |
| | 150.0 | -115.0 | 211.99 | -5 | 17.6 | 424 | 243 | 2.000 | 1.02 | 100E | 115N | 1 | |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 150.0 | -125.0 | 246.15 | -2 | 16.2 | 410 | 226 | 4.000 | 0.53 | 100E | 125N | 1 |
| 150.0 | -130.0 | 214.42 | -8 | 16.1 | 429 | 226 | 2.000 | 0.94 | 100E | 130N | 1 |
| 150.0 | -135.0 | 205.80 | -8 | 17.8 | 412 | 246 | 2.000 | 0.69 | 100E | 135N | 1 |
| 150.0 | -140.0 | 188.36 | -8 | 17.6 | 377 | 243 | 2.000 | 0.88 | 100E | 140N | 1 |
| 150.0 | -145.0 | 249.61 | 5 | 18.7 | 416 | 255 | 4.000 | 0.35 | 100E | 145N | 1 |
| 150.0 | -150.0 | 242.62 | -0 | 20.0 | 485 | 272 | 4.000 | 0.62 | 100E | 150N | 1 |
| 150.0 | -155.0 | 266.59 | 6 | 18.6 | 533 | 257 | 2.000 | 0.55 | 100E | 155N | 1 |
| 150.0 | -160.0 | 238.74 | 2 | 19.8 | 477 | 271 | 2.000 | 0.43 | 100E | 160N | 1 |
| 150.0 | -165.0 | 257.44 | -10 | 19.3 | 429 | 265 | 2.000 | 0.27 | 100E | 165N | 1 |
| 225.0 | -15.0 | 142.62 | -14 | 15.0 | 285 | 217 | 1.000 | 0.97 | 100S | 15N | 1 |
| 225.0 | -20.0 | 133.28 | -15 | 15.7 | 267 | 225 | 1.000 | 0.82 | 100S | 20N | 1 |
| 225.0 | -25.0 | 120.90 | -13 | 15.4 | 242 | 221 | 1.000 | 0.99 | 100S | 25N | 1 |
| 225.0 | -30.0 | 102.10 | 8 | 14.2 | 204 | 212 | 0.500 | 1.00 | 100S | 30N | 1 |
| 225.0 | -35.0 | 90.26 | 7 | 9.7 | 181 | 195 | 0.031 | 0.76 | 100S | 35N | 1 |
| 225.0 | -40.0 | 67.30 | 6 | 8.9 | 135 | 180 | 0.031 | 0.42 | 100S | 40N | 1 |
| 225.0 | -45.0 | 47.46 | 14 | 5.6 | 95 | 379 | 0.000 | 4.68 | 100S | 45N | 1 |
| 225.0 | -50.0 | -50.93 | 17 | 12.6 | -102 | 246 | 0.031 | 0.88 | 100S | 50N | 1 |
| 225.0 | -55.0 | -28.92 | 21 | 27.4 | -58 | 374 | 0.500 | 0.72 | 100S | 55N | 1 |
| 225.0 | -60.0 | -5.58 | 16 | 43.0 | -11 | 241 | 0.000 | 3.98 | 100S | 60N | 1 |
| 225.0 | -65.0 | 18.58 | 5 | 30.4 | 37 | 511 | 048.000 | 6.67 | 100S | 65N | 1 |
| 225.0 | -70.0 | 45.06 | -16 | 32.1 | 90 | 424 | 64.000 | 0.43 | 100S | 70N | 1 |
| 225.0 | -75.0 | 71.47 | -21 | 29.4 | 143 | 386 | 32.000 | 0.53 | 100S | 75N | 1 |
| 225.0 | -80.0 | 117.52 | -5 | 23.7 | 235 | 320 | 16.000 | 0.82 | 100S | 80N | 1 |
| 225.0 | -85.0 | 108.64 | -18 | 23.9 | 217 | 323 | 16.000 | 0.74 | 100S | 85N | 1 |
| 225.0 | -90.0 | 185.99 | 3 | 19.0 | 372 | 261 | 8.000 | 0.57 | 100S | 90N | 1 |
| 225.0 | -95.0 | 214.88 | 17 | 16.5 | 430 | 229 | 4.000 | 0.75 | 100S | 95N | 1 |
| 225.0 | -100.0 | 196.10 | -4 | 16.6 | 392 | 230 | 4.000 | 0.84 | 100S | 100N | 1 |
| 225.0 | -105.0 | 220.18 | 5 | 15.4 | 440 | 217 | 4.000 | 0.71 | 100S | 105N | 1 |
| 225.0 | -110.0 | 202.05 | 2 | 12.6 | 404 | 182 | 4.000 | 0.46 | 100S | 110N | 1 |
| 225.0 | -115.0 | 256.60 | -5 | 11.4 | 513 | 166 | 4.000 | 0.48 | 100S | 115N | 1 |
| 225.0 | -120.0 | 321.24 | -13 | 10.7 | 642 | 156 | 2.000 | 0.57 | 100S | 120N | 1 |
| 225.0 | -125.0 | 348.29 | -2 | 10.1 | 697 | 148 | 2.000 | 0.54 | 100S | 125N | 1 |
| 225.0 | -130.0 | 355.77 | -9 | 11.4 | 712 | 168 | 1.000 | 0.70 | 100S | 130N | 1 |
| 225.0 | -135.0 | 317.29 | -8 | 14.8 | 635 | 210 | 2.000 | 0.71 | 100S | 135N | 1 |
| 225.0 | -140.0 | 272.26 | -8 | 15.3 | 545 | 216 | 2.000 | 0.63 | 100S | 140N | 1 |
| 225.0 | -145.0 | 283.48 | 6 | 16.7 | 567 | 234 | 4.000 | 0.83 | 100S | 145N | 1 |
| 225.0 | -150.0 | 323.79 | -1 | 18.7 | 648 | 256 | 4.000 | 0.57 | 100S | 150N | 1 |
| 225.0 | -155.0 | 340.22 | 6 | 17.3 | 680 | 241 | 2.000 | 0.42 | 100S | 155N | 1 |
| 225.0 | -160.0 | 310.41 | 3 | 18.9 | 621 | 259 | 2.000 | 0.40 | 100S | 160N | 1 |
| 225.0 | -165.0 | 277.60 | -10 | 19.4 | 555 | 266 | 2.000 | 0.59 | 100S | 165N | 1 |
| 300.0 | -15.0 | 28.41 | -13 | -2.9 | 28 | 0 | 0.000 | 0.00 | 100W | 15N | 1 |
| 300.0 | -20.0 | 102.64 | -15 | 14.7 | 103 | 286 | 0.031 | 0.46 | 100W | 20N | 1 |
| 300.0 | -25.0 | 131.34 | -13 | 20.2 | 131 | 303 | 0.250 | 0.67 | 100W | 25N | 1 |
| 300.0 | -30.0 | 116.74 | 8 | 25.0 | 117 | 349 | 0.500 | 0.31 | 100W | 30N | 1 |
| 300.0 | -35.0 | 151.69 | 7 | 29.1 | 152 | 381 | 1.000 | 0.35 | 100W | 35N | 1 |
| 300.0 | -40.0 | 177.15 | 5 | 31.3 | 177 | 403 | 1.000 | 0.53 | 100W | 40N | 1 |
| 300.0 | -45.0 | 193.10 | 15 | 28.9 | 193 | 379 | 1.000 | 0.33 | 100W | 45N | 1 |
| 300.0 | -50.0 | 202.58 | 16 | 25.0 | 203 | 347 | 0.500 | 0.31 | 100W | 50N | 1 |
| 300.0 | -55.0 | 191.44 | 21 | 23.2 | 191 | 327 | 0.500 | 0.36 | 100W | 55N | 1 |
| 300.0 | -60.0 | 194.55 | 16 | 22.1 | 195 | 313 | 0.500 | 0.27 | 100W | 60N | 1 |
| 300.0 | -65.0 | 237.34 | 5 | 23.2 | 237 | 317 | 1.000 | 0.47 | 100W | 65N | 1 |
| 300.0 | -70.0 | 275.96 | -16 | 26.8 | 276 | 355 | 1.000 | 0.61 | 100W | 70N | 1 |
| 300.0 | -75.0 | 307.33 | -21 | 30.4 | 307 | 385 | 2.000 | 0.54 | 100W | 75N | 1 |
| 300.0 | -80.0 | 300.80 | -5 | 32.3 | 301 | 402 | 2.000 | 0.72 | 100W | 80N | 1 |
| 300.0 | -85.0 | 310.65 | -19 | 33.1 | 311 | 407 | 4.000 | 0.55 | 100W | 85N | 1 |
| 300.0 | -90.0 | 311.26 | 3 | 35.3 | 311 | 426 | 4.000 | 0.59 | 100W | 90N | 1 |
| 300.0 | -95.0 | 322.32 | 16 | 31.7 | 322 | 394 | 4.000 | 0.52 | 100W | 95N | 1 |
| 300.0 | -100.0 | 311.50 | -4 | 30.4 | 312 | 384 | 2.000 | 0.60 | 100W | 100N | 1 |
| 300.0 | -105.0 | 289.62 | 4 | 29.4 | 290 | 375 | 2.000 | 0.43 | 100W | 105N | 1 |
| 300.0 | -110.0 | 263.06 | 3 | 25.4 | 263 | 334 | 2.000 | 0.57 | 100W | 110N | 1 |
| 300.0 | -115.0 | 246.96 | -6 | 24.0 | 247 | 318 | 2.000 | 0.56 | 100W | 115N | 1 |
| 300.0 | -120.0 | 258.70 | -14 | 23.5 | 259 | 311 | 2.000 | 0.82 | 100W | 120N | 1 |
| 300.0 | -125.0 | 247.66 | -2 | 24.2 | 248 | 318 | 4.000 | 0.73 | 100W | 125N | 1 |
| 300.0 | -130.0 | 227.23 | -8 | 26.8 | 227 | 347 | 2.000 | 0.85 | 100W | 130N | 1 |
| 300.0 | -135.0 | 193.95 | -9 | 31.0 | 194 | 387 | 4.000 | 0.52 | 100W | 135N | 1 |
| 300.0 | -140.0 | 186.73 | -8 | 29.2 | 187 | 368 | 4.000 | 0.60 | 100W | 140N | 1 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 300.0 | -150.0 | 257.06 | 1 | 26.2 | 257 | 341 | 8.000 | 0.56 | 100W | 150N | 1 |
| 300.0 | -155.0 | 282.33 | 6 | 24.6 | 282 | 321 | 4.000 | 0.43 | 100W | 155N | 1 |
| 300.0 | -160.0 | 271.59 | 2 | 24.8 | 272 | 322 | 4.000 | 0.50 | 100W | 160N | 1 |
| 300.0 | -165.0 | 230.15 | -9 | 26.5 | 230 | 343 | 4.000 | 0.48 | 100W | 165N | 1 |

```
$$DATA$$     12   -1    9  -2000       1          Sept/96
Array:G  Trav dir:S  Current:T  Num Sep:3  A Spc:20,20,20  Eff.Sep:1,2,3
TEUTON RESOURCES CORP. - CLONE PROJECT, STEWART, B.C.
CL96-30 : Az 065, Dip -70, Depth 362 m (Blocked at 282 m)
DOWNHOLE IP SURVEY
vertical gradient array, C2 @ 1200N; C1 @ 100N, 100E, 100S,
                         200N, 200E, 200S, no western electrodes
Mx chargeability for the interval 690-1050 msecs after shutoff
Normalized VP = mV / amp  (VP / current x 1000)
NOTE: Grid North 315 Degrees
LINESTN SEP XGD YGD VP  SP  Mx  NVP Mi  TAU FIT
   3   3   3   2   2   1   1   1   1   1   1
(T62,2A8,A3,T1,3F8.0,F5.0,3F6.0,2F7.0)
    75.0   -15.0  106.65   23  20.3   533   320  0.125   3.24     100E     -15  1
    75.0   -20.0   82.92    3  23.2   415   313  8.000   4.45     100E     -20  1
    75.0   -25.0   93.17    2  16.0   466   271  0.062   5.30     100E     -25  1
    75.0   -30.0   91.05   -0  19.6   455   268  8.000   0.42     100E     -30  1
    75.0   -35.0  132.60  -43  16.4   530   232  8.000   0.80     100E     -35  1
    75.0   -40.0  108.70  -11  14.2   544   205  8.000   1.05     100E     -40  1
    75.0   -45.0   72.47   -0  17.0   362   245 16.000   1.43     100E     -45  1
    75.0   -50.0  -71.02    4  17.6  -236   246  8.000   1.85     100E     -50  1
    75.0   -55.0 -165.10    5  14.6  -660   207  4.000   1.45     100E     -55  1
    75.0   -60.0 -115.81   15  10.1  -579   149  4.000   1.40     100E     -60  1
    75.0   -65.0  -56.24   -3   2.2  -281    37 16.000   8.67     100E     -65  1
    75.0   -70.0   31.33   -0  66.6   104   660  4.000   0.64     100E     -70  1
    75.0   -75.0   60.19    1  34.5   241   421  8.000   0.59     100E     -75  1
    75.0   -80.0   77.21    5  20.4   386   276  4.000   0.67     100E     -80  1
    75.0   -85.0   61.41    9  16.9   307   236  8.000   0.49     100E     -85  1
    75.0   -90.0  110.40    1  14.0   368   213 32.000   0.53     100E     -90  1
    75.0   -95.0  108.52   16  14.1   362   256256.000   0.72     100E     -95  1
    75.0  -100.0   53.80   57  20.6   179   416048.000   2.05     100E    -100  1
    75.0  -105.0   85.95    5  21.4   287   401024.000   0.28     100E    -105  1
    75.0  -110.0  113.88   10  18.4   380   381048.000   4.23     100E    -110  1
    75.0  -115.0  172.69  -10  14.9   576   218 16.000   0.92     100E    -115  1
    75.0  -120.0  231.03  -53  14.2   770   203  8.000   1.26     100E    -120  1
    75.0  -125.0  270.67  -10  12.7   902   184  2.000   1.50     100E    -125  1
    75.0  -130.0  235.55   -7  14.5   785   216  0.500   2.14     100E    -130  1
    75.0  -135.0  170.37    2  17.4   568   242  8.000   0.68     100E    -135  1
    75.0  -140.0  135.00    4  20.8   450   280  4.000   0.73     100E    -140  1
    75.0  -145.0   86.24    6  30.4   287   379  4.000   0.64     100E    -145  1
    75.0  -150.0   99.55    7  29.4   332   375  2.000   0.52     100E    -150  1
    75.0  -155.0  121.04    9  29.3   403   385  1.000   1.05     100E    -155  1
    75.0  -160.0  161.03   11  23.0   537   305  2.000   1.03     100E    -160  1
    75.0  -165.0  193.89    9  21.1   646   284  2.000   0.71     100E    -165  1
    75.0  -170.0  193.55   11  21.1   645   285  2.000   0.51     100E    -170  1
    75.0  -175.0  199.07    1  17.3   664   269 64.000   2.03     100E    -175  1
    75.0  -180.0  167.53    6  19.1   558   262  2.000   0.41     100E    -180  1
    75.0  -185.0  133.21   -9  21.2   444   286  8.000   0.32     100E    -185  1
    75.0  -190.0  133.24   -7  21.4   444   290  2.000   1.10     100E    -190  1
    75.0  -195.0   89.79   12  27.4   299   398  0.250   3.74     100E    -195  1
    75.0  -200.0   87.52  -12  27.0   292   346  8.000   1.58     100E    -200  1
    75.0  -205.0   84.71   71  25.9   282   350 32.000   1.20     100E    -205  1
    75.0  -210.0   84.93   85  26.2   283   344  2.000   1.17     100E    -210  1
    75.0  -215.0   83.57   55  25.6   279   473  0.031   4.35     100E    -215  1
    75.0  -220.0   95.89   -3  20.2   320   469  0.007   6.86     100E    -220  1
    75.0  -225.0  122.57  -64  18.3   350   257  1.000   2.63     100E    -225  1
    75.0  -230.0  159.80  -14  17.7   457   341  0.031   3.85     100E    -230  1
    75.0  -235.0  106.01  -52  19.2   353   269 16.000   1.60     100E    -235  1
    75.0  -240.0  123.21   -1  17.9   411   275 64.000   5.74     100E    -240  1
    75.0  -245.0  140.16   -4  16.6   400   233  8.000   3.07     100E    -245  1
    75.0  -250.0  121.80  -22  21.5   348   133  0.000   4.04     100E    -250  1
    75.0  -255.0  120.31   -4  15.9   401   228  1.000   0.39     100E    -255  1
    75.0  -260.0  102.13   -6  17.3   340   333  0.031   4.99     100E    -260  1
    75.0  -265.0   95.20    4  17.6   272   270  0.250   3.06     100E    -265  1
    75.0  -270.0   87.49    4  13.5   250     0  0.000   0.00     100E    -270  1
```

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 150.0 | -20.0 | 69.66 | 7 | 26.3 | 100 | 354 | 0.500 | 3.39 | 200E | -20 | 1 |
| 150.0 | -25.0 | 84.22 | 6 | 28.9 | 120 | 0 | 0.000 | 0.00 | 200E | -25 | 1 |
| 150.0 | -30.0 | 89.14 | 1 | 20.1 | 127 | 281 | 1.000 | 0.55 | 200E | -30 | 1 |
| 150.0 | -35.0 | -92.50 | -42 | 17.7 | -154 | 252 | 1.000 | 0.93 | 200E | -35 | 1 |
| 150.0 | -40.0 | -99.56 | -8 | 17.2 | -166 | 240 | 2.000 | 0.71 | 200E | -40 | 1 |
| 150.0 | -45.0 | -89.38 | -0 | 19.5 | -128 | 266 | 4.000 | 0.85 | 200E | -45 | 1 |
| 150.0 | -50.0 | 100.40 | 4 | 19.6 | 112 | 265 | 4.000 | 0.76 | 200E | -50 | 1 |
| 150.0 | -55.0 | 149.74 | 2 | 18.1 | 250 | 251 | 2.000 | 0.96 | 200E | -55 | 1 |
| 150.0 | -60.0 | 151.57 | 9 | 16.6 | 253 | 231 | 2.000 | 0.96 | 200E | -60 | 1 |
| 150.0 | -65.0 | 141.84 | -3 | 15.8 | 203 | 223 | 8.000 | 0.32 | 200E | -65 | 1 |
| 150.0 | -70.0 | 66.07 | -1 | 7.1 | 73 | 117 | 0.250 | 2.10 | 200E | -70 | 1 |
| 150.0 | -75.0 | 35.37 | 0 | 5.2 | 59 | 145 | 48.000 | 2.20 | 200E | -75 | 1 |
| 150.0 | -80.0 | 23.26 | 1 | 16.3 | 39 | 231 | 8.000 | 0.64 | 200E | -80 | 1 |
| 150.0 | -85.0 | 49.37 | 9 | 23.4 | 71 | 347 | 0.250 | 1.81 | 200E | -85 | 1 |
| 150.0 | -90.0 | 55.72 | 1 | 31.0 | 62 | 386 | 8.000 | 0.49 | 200E | -90 | 1 |
| 150.0 | -95.0 | -56.77 | 16 | 32.2 | -63 | 404 | 16.000 | 0.91 | 200E | -95 | 1 |
| 150.0 | -100.0 | 89.24 | 57 | 24.0 | 99 | 317 | 8.000 | 0.64 | 200E | -100 | 1 |
| 150.0 | -105.0 | 62.47 | 5 | 24.7 | 69 | 335 | 1.000 | 0.67 | 200E | -105 | 1 |
| 150.0 | -110.0 | 57.50 | 10 | 24.2 | 64 | 382 | 0.125 | 1.47 | 200E | -110 | 1 |
| 150.0 | -115.0 | -13.23 | -10 | 45.2 | -15 | 249 | 0.000 | 1.08 | 200E | -115 | 1 |
| 150.0 | -120.0 | -21.44 | -53 | -7.3 | -24 | -51 | 0.000 | 40.30 | 200E | -120 | 1 |
| 150.0 | -125.0 | -67.11 | -9 | 3.7 | -75 | 0 | 0.000 | 0.00 | 200E | -125 | 1 |
| 150.0 | -130.0 | -50.37 | -7 | 7.9 | -56 | 194 | 048.000 | 19.79 | 200E | -130 | 1 |
| 150.0 | -135.0 | 5.98 | 2 | -8.4 | 7 | -86 | 0.000 | 64.94 | 200E | -135 | 1 |
| 150.0 | -140.0 | 17.14 | 5 | -5.8 | 19 | 0 | 0.000 | 0.00 | 200E | -140 | 1 |
| 150.0 | -145.0 | 56.30 | 6 | -2.1 | 63 | -62 | 048.000 | 13.86 | 200E | -145 | 1 |
| 150.0 | -150.0 | 17.97 | 7 | -51.6 | 20 | -70 | 0.125 | 1.24 | 200E | -150 | 1 |
| 150.0 | -155.0 | 17.17 | 10 | 107.2 | 19 | 106 | 0.250 | 0.60 | 200E | -155 | 1 |
| 150.0 | -160.0 | 90.88 | 11 | 27.8 | 101 | 357 | 8.000 | 1.25 | 200E | -160 | 1 |
| 150.0 | -165.0 | 157.99 | 9 | 22.3 | 176 | 298 | 8.000 | 0.87 | 200E | -165 | 1 |
| 150.0 | -170.0 | 157.79 | 10 | 22.4 | 175 | 300 | 8.000 | 0.65 | 200E | -170 | 1 |
| 150.0 | -175.0 | 169.93 | 0 | 17.8 | 189 | 245 | 4.000 | 1.74 | 200E | -175 | 1 |
| 150.0 | -180.0 | 135.14 | 5 | 18.5 | 150 | 256 | 8.000 | 0.43 | 200E | -180 | 1 |
| 150.0 | -185.0 | 91.99 | -9 | 23.5 | 102 | 326 | 32.000 | 0.33 | 200E | -185 | 1 |
| 150.0 | -190.0 | 92.23 | -7 | 23.3 | 102 | 307 | 4.000 | 1.31 | 200E | -190 | 1 |
| 150.0 | -195.0 | 38.28 | 14 | 66.0 | 43 | 650 | 32.000 | 1.23 | 200E | -195 | 1 |
| 150.0 | -200.0 | 45.96 | -11 | 64.5 | 51 | 648 | 64.000 | 1.05 | 200E | -200 | 1 |
| 150.0 | -205.0 | 30.91 | 71 | 88.0 | 34 | 754 | 64.000 | 0.74 | 200E | -205 | 1 |
| 150.0 | -210.0 | 31.22 | 86 | 87.3 | 35 | 761 | 8.000 | 0.87 | 200E | -210 | 1 |
| 150.0 | -215.0 | 33.23 | 55 | 87.6 | 33 | 889 | 0.500 | 1.68 | 200E | -215 | 1 |
| 150.0 | -220.0 | 107.46 | -3 | 29.7 | 107 | 425 | 0.250 | 1.59 | 200E | -220 | 1 |
| 150.0 | -225.0 | 149.28 | -64 | 23.8 | 166 | 314 | 4.000 | 0.67 | 200E | -225 | 1 |
| 150.0 | -230.0 | 247.98 | -13 | 20.8 | 248 | 281 | 2.000 | 1.19 | 200E | -230 | 1 |
| 150.0 | -235.0 | 168.46 | -53 | 24.3 | 168 | 324 | 16.000 | 0.53 | 200E | -235 | 1 |
| 150.0 | -240.0 | 221.87 | -1 | 22.1 | 222 | 311 | 32.000 | 0.90 | 200E | -240 | 1 |
| 150.0 | -245.0 | 210.72 | -4 | 19.7 | 234 | 267 | 4.000 | 0.38 | 200E | -245 | 1 |
| 150.0 | -250.0 | 172.95 | -23 | 24.9 | 173 | 347 | 0.500 | 1.13 | 200E | -250 | 1 |
| 150.0 | -255.0 | 234.70 | -3 | 19.3 | 235 | 264 | 2.000 | 0.39 | 200E | -255 | 1 |
| 150.0 | -260.0 | 169.82 | -6 | 21.6 | 170 | 294 | 2.000 | 1.12 | 200E | -260 | 1 |
| 150.0 | -265.0 | 118.61 | 6 | 24.5 | 132 | 324 | 8.000 | 0.52 | 200E | -265 | 1 |
| 150.0 | -270.0 | 124.79 | -4 | 23.7 | 125 | 429 | 024.000 | 3.27 | 200E | -270 | 1 |

$$DATA$$ 12 -1 9 -2000 1 Sept/96
Array:G Trav dir:S Current:T Num Sep:3 A Spc:20,20,20 Eff.Sep:1,2,3
TEUTON RESOURCES CORP. - CLONE PROJECT, STEWART, B.C.
CL96-30 : Az 065, Dip -70, Depth 362 m (Blocked at 282 m)
DOWNHOLE IP SURVEY
vertical gradient array, C2 @ 1200N; C1 @ 100N, 100E, 100S,
200N, 200E, 200S, no western electrodes
Mx chargeability for the interval 690-1050 msecs after shutoff
Normalized VP = mV / amp (VP / current x 1000)
NOTE: Grid North 315 Degrees

| LINESTN | SEP | XGD | YGD | VP | SP | Mx | NVP | Mi | TAU | FIT | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 3 | 3 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | | | |
| (T62,2A8,A3,T1,3F8.0,F5.0,3F6.0,2F7.0) | | | | | | | | | | | | | |
| 75.0 | -15.0 | 175.08 | 23 | 21.0 | 175 | 279 | 2.000 | 1.68 | 200N | 15N | 1 | | |
| 75.0 | -20.0 | 169.21 | 7 | 23.5 | 169 | 312 | 2.000 | 0.39 | 200N | 20N | 1 | | |
| 75.0 | -25.0 | 182.74 | 6 | 24.1 | 183 | 411 | 512.000 | 4.06 | 200N | 25N | 1 | | |
| 75.0 | -30.0 | 206.74 | 1 | 20.5 | 207 | 277 | 4.000 | 0.69 | 200N | 30N | 1 | | |
| 75.0 | -35.0 | -238.57 | -42 | 18.9 | -239 | 259 | 2.000 | 0.82 | 200N | 35N | 1 | | |
| 75.0 | -40.0 | -233.71 | -9 | 17.7 | -234 | 245 | 4.000 | 0.59 | 200N | 40N | 1 | | |
| 75.0 | -45.0 | -217.09 | -1 | 18.9 | -217 | 259 | 4.000 | 0.46 | 200N | 45N | 1 | | |
| 75.0 | -50.0 | 197.68 | 4 | 19.8 | 198 | 268 | 4.000 | 0.57 | 200N | 50N | 1 | | |
| 75.0 | -55.0 | 415.47 | 2 | 19.0 | 415 | 260 | 4.000 | 0.81 | 200N | 55N | 1 | | |
| 75.0 | -60.0 | 431.28 | 10 | 17.7 | 431 | 245 | 4.000 | 0.70 | 200N | 60N | 1 | | |
| 75.0 | -65.0 | 412.93 | -4 | 17.7 | 413 | 245 | 4.000 | 0.46 | 200N | 65N | 1 | | |
| 75.0 | -70.0 | 198.89 | -1 | 15.3 | 199 | 215 | 2.000 | 0.59 | 200N | 70N | 1 | | |
| 75.0 | -75.0 | 188.55 | -0 | 14.7 | 189 | 208 | 4.000 | 0.37 | 200N | 75N | 1 | | |
| 75.0 | -80.0 | 161.56 | 1 | 15.9 | 162 | 223 | 4.000 | 0.63 | 200N | 80N | 1 | | |
| 75.0 | -85.0 | 164.70 | 8 | 16.7 | 165 | 232 | 2.000 | 0.94 | 200N | 85N | 1 | | |
| 75.0 | -90.0 | 177.46 | 1 | 17.5 | 177 | 242 | 4.000 | 0.75 | 200N | 90N | 1 | | |
| 75.0 | -95.0 | 197.58 | 16 | 18.6 | 198 | 254 | 4.000 | 0.97 | 200N | 95N | 1 | | |
| 75.0 | -100.0 | 209.92 | 57 | 17.4 | 210 | 241 | 4.000 | 0.72 | 200N | 100N | 1 | | |
| 75.0 | -105.0 | 198.04 | 4 | 18.4 | 198 | 252 | 4.000 | 0.74 | 200N | 105N | 1 | | |
| 75.0 | -110.0 | 204.04 | 10 | 18.8 | 204 | 257 | 4.000 | 0.92 | 200N | 110N | 1 | | |
| 75.0 | -115.0 | 194.93 | -10 | 18.3 | 195 | 250 | 4.000 | 0.54 | 200N | 115N | 1 | | |
| 75.0 | -120.0 | 191.27 | -54 | 20.7 | 191 | 279 | 4.000 | 1.08 | 200N | 120N | 1 | | |
| 75.0 | -125.0 | 201.71 | -10 | 20.6 | 202 | 277 | 4.000 | 0.44 | 200N | 125N | 1 | | |
| 75.0 | -130.0 | 190.86 | -7 | 20.0 | 191 | 270 | 4.000 | 0.54 | 200N | 130N | 1 | | |
| 75.0 | -135.0 | 178.24 | 1 | 21.7 | 178 | 290 | 4.000 | 0.48 | 200N | 135N | 1 | | |
| 75.0 | -140.0 | 189.60 | 4 | 20.0 | 190 | 272 | 8.000 | 0.40 | 200N | 140N | 1 | | |
| 75.0 | -145.0 | 189.46 | 5 | 19.3 | 189 | 263 | 4.000 | 0.50 | 200N | 145N | 1 | | |
| 75.0 | -150.0 | 184.34 | 6 | 20.4 | 184 | 276 | 4.000 | 0.52 | 200N | 150N | 1 | | |
| 75.0 | -155.0 | 189.87 | 10 | 20.4 | 190 | 276 | 2.000 | 1.03 | 200N | 155N | 1 | | |
| 75.0 | -160.0 | 185.50 | 11 | 20.5 | 186 | 277 | 2.000 | 0.91 | 200N | 160N | 1 | | |
| 75.0 | -165.0 | 183.30 | 9 | 20.2 | 183 | 274 | 4.000 | 0.64 | 200N | 165N | 1 | | |
| 75.0 | -170.0 | 183.00 | 10 | 20.3 | 183 | 276 | 4.000 | 0.75 | 200N | 170N | 1 | | |
| 75.0 | -175.0 | 194.19 | 1 | 19.7 | 194 | 284 | 0.500 | 1.33 | 200N | 175N | 1 | | |
| 75.0 | -180.0 | 186.74 | 5 | 20.4 | 187 | 276 | 4.000 | 0.27 | 200N | 180N | 1 | | |
| 75.0 | -185.0 | 174.80 | -9 | 22.1 | 175 | 295 | 4.000 | 0.71 | 200N | 185N | 1 | | |
| 75.0 | -190.0 | 174.55 | -7 | 22.2 | 175 | 297 | 2.000 | 0.89 | 200N | 190N | 1 | | |
| 75.0 | -195.0 | 137.61 | 13 | 20.0 | 138 | 289 | 32.000 | 0.58 | 200N | 195N | 1 | | |
| 75.0 | -200.0 | 126.92 | -12 | 20.5 | 127 | 278 | 4.000 | 1.17 | 200N | 200N | 1 | | |
| 75.0 | -205.0 | 137.49 | 71 | 18.4 | 137 | 253 | 4.000 | 1.13 | 200N | 205N | 1 | | |
| 75.0 | -210.0 | 137.73 | 85 | 18.2 | 138 | 253 | 2.000 | 1.60 | 200N | 210N | 1 | | |
| 75.0 | -215.0 | 135.93 | 55 | 18.0 | 136 | 277 | 0.250 | 4.15 | 200N | 215N | 1 | | |
| 75.0 | -220.0 | 125.78 | -3 | 19.3 | 126 | 313 | 0.125 | 4.68 | 200N | 220N | 1 | | |
| 75.0 | -225.0 | 120.04 | -64 | 18.0 | 120 | 249 | 2.000 | 1.31 | 200N | 225N | 1 | | |
| 75.0 | -230.0 | 146.52 | -12 | 17.8 | 147 | 272 | 0.250 | 3.29 | 200N | 230N | 1 | | |
| 75.0 | -235.0 | 121.36 | -53 | 18.1 | 121 | 250 | 8.000 | 1.41 | 200N | 235N | 1 | | |
| 75.0 | -240.0 | 140.32 | -1 | 16.8 | 140 | 262 | 64.000 | 3.75 | 200N | 240N | 1 | | |
| 75.0 | -245.0 | 146.01 | -4 | 15.8 | 146 | 223 | 4.000 | 0.96 | 200N | 245N | 1 | | |
| 75.0 | -250.0 | 152.17 | -23 | 17.5 | 152 | 257 | 0.500 | 1.48 | 200N | 250N | 1 | | |
| 75.0 | -255.0 | 146.75 | -3 | 15.6 | 147 | 223 | 1.000 | 0.63 | 200N | 255N | 1 | | |
| 75.0 | -260.0 | 152.27 | -6 | 17.3 | 152 | 282 | 0.125 | 2.97 | 200N | 260N | 1 | | |
| 75.0 | -265.0 | 128.93 | 5 | 17.6 | 129 | 248 | 1.000 | 1.49 | 200N | 265N | 1 | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| 150.0 | -15.0 | 440.07 | 22 | 20.9 | 440 | 284 | 2.000 | 0.78 | 100N | 15N | 1 |
| 150.0 | -20.0 | 421.04 | 2 | 24.0 | 421 | 313 | 2.000 | 1.43 | 100N | 20N | 1 |
| 150.0 | -25.0 | 456.84 | 0 | 19.6 | 457 | 274 | 1.000 | 2.95 | 100N | 25N | 1 |
| 150.0 | -30.0 | 507.62 | -1 | 19.8 | 508 | 272 | 2.000 | 0.84 | 100N | 30N | 1 |
| 150.0 | -35.0 | -575.27 | -43 | 18.6 | -575 | 258 | 2.000 | 0.90 | 100N | 35N | 1 |
| 150.0 | -40.0 | -564.71 | -13 | 17.6 | -565 | 245 | 2.000 | 0.63 | 100N | 40N | 1 |
| 150.0 | -45.0 | -501.82 | -1 | 19.4 | -502 | 265 | 2.000 | 0.67 | 100N | 45N | 1 |
| 150.0 | -50.0 | 448.58 | 5 | 19.8 | 449 | 269 | 2.000 | 0.86 | 100N | 50N | 1 |
| 150.0 | -55.0 | 968.75 | 9 | 19.0 | 969 | 262 | 2.000 | 0.80 | 100N | 55N | 1 |
| 150.0 | -60.0 | 982.05 | 18 | 18.1 | 982 | 251 | 2.000 | 0.74 | 100N | 60N | 1 |
| 150.0 | -65.0 | 911.56 | -4 | 18.6 | 912 | 256 | 2.000 | 0.60 | 100N | 65N | 1 |
| 150.0 | -70.0 | 400.16 | 0 | 16.8 | 400 | 235 | 2.000 | 0.67 | 100N | 70N | 1 |
| 150.0 | -75.0 | 382.47 | 1 | 16.0 | 382 | 224 | 2.000 | 0.42 | 100N | 75N | 1 |
| 150.0 | -80.0 | 332.34 | 6 | 16.7 | 332 | 233 | 2.000 | 0.52 | 100N | 80N | 1 |
| 150.0 | -85.0 | 327.63 | 7 | 17.6 | 328 | 244 | 2.000 | 1.04 | 100N | 85N | 1 |
| 150.0 | -90.0 | 334.66 | 1 | 18.6 | 335 | 255 | 2.000 | 0.91 | 100N | 90N | 1 |
| 150.0 | -95.0 | 352.18 | 16 | 19.6 | 352 | 267 | 4.000 | 0.88 | 100N | 95N | 1 |
| 150.0 | -100.0 | 357.35 | 57 | 18.6 | 357 | 255 | 4.000 | 0.71 | 100N | 100N | 1 |
| 150.0 | -105.0 | 337.10 | 5 | 19.2 | 337 | 262 | 4.000 | 1.06 | 100N | 105N | 1 |
| 150.0 | -110.0 | 350.11 | 10 | 19.3 | 350 | 264 | 2.000 | 1.13 | 100N | 110N | 1 |
| 150.0 | -115.0 | 341.85 | -10 | 18.2 | 342 | 250 | 4.000 | 0.45 | 100N | 115N | 1 |
| 150.0 | -120.0 | 343.62 | -53 | 19.9 | 344 | 272 | 2.000 | 0.99 | 100N | 120N | 1 |
| 150.0 | -125.0 | 356.22 | -11 | 19.6 | 356 | 266 | 4.000 | 0.31 | 100N | 125N | 1 |
| 150.0 | -130.0 | 326.95 | -7 | 19.4 | 327 | 267 | 8.000 | 0.48 | 100N | 130N | 1 |
| 150.0 | -135.0 | 292.96 | 1 | 21.3 | 293 | 287 | 4.000 | 0.59 | 100N | 135N | 1 |
| 150.0 | -140.0 | 295.04 | 4 | 19.8 | 295 | 270 | 8.000 | 0.40 | 100N | 140N | 1 |
| 150.0 | -145.0 | 283.93 | 6 | 19.6 | 284 | 266 | 4.000 | 0.46 | 100N | 145N | 1 |
| 150.0 | -150.0 | 270.53 | 7 | 20.5 | 271 | 277 | 4.000 | 0.52 | 100N | 150N | 1 |
| 150.0 | -155.0 | 276.33 | 9 | 20.6 | 276 | 279 | 2.000 | 0.95 | 100N | 155N | 1 |
| 150.0 | -160.0 | 270.38 | 11 | 20.8 | 270 | 282 | 2.000 | 0.88 | 100N | 160N | 1 |
| 150.0 | -165.0 | 267.27 | 9 | 20.4 | 267 | 277 | 4.000 | 0.74 | 100N | 165N | 1 |
| 150.0 | -170.0 | 267.31 | 12 | 20.4 | 267 | 276 | 2.000 | 0.82 | 100N | 170N | 1 |
| 150.0 | -175.0 | 281.78 | 1 | 19.9 | 282 | 302 | 0.250 | 2.36 | 100N | 175N | 1 |
| 150.0 | -180.0 | 267.22 | 6 | 20.1 | 267 | 271 | 4.000 | 0.44 | 100N | 180N | 1 |
| 150.0 | -185.0 | 246.33 | -9 | 21.8 | 246 | 294 | 2.000 | 0.79 | 100N | 185N | 1 |
| 150.0 | -190.0 | 246.46 | -6 | 22.0 | 246 | 295 | 2.000 | 0.85 | 100N | 190N | 1 |
| 150.0 | -195.0 | 193.52 | 12 | 19.3 | 194 | 326 | 256.000 | 2.42 | 100N | 195N | 1 |
| 150.0 | -200.0 | 178.00 | -13 | 20.4 | 178 | 283 | 1.000 | 1.35 | 100N | 200N | 1 |
| 150.0 | -205.0 | 190.44 | 71 | 17.9 | 190 | 253 | 1.000 | 1.30 | 100N | 205N | 1 |
| 150.0 | -210.0 | 191.15 | 84 | 17.9 | 191 | 252 | 1.000 | 1.26 | 100N | 210N | 1 |
| 150.0 | -215.0 | 188.93 | 57 | 18.3 | 189 | 278 | 0.250 | 2.58 | 100N | 215N | 1 |
| 150.0 | -220.0 | 170.43 | -2 | 19.7 | 170 | 298 | 0.250 | 2.25 | 100N | 220N | 1 |
| 150.0 | -225.0 | 159.93 | -66 | 17.5 | 160 | 247 | 1.000 | 1.32 | 100N | 225N | 1 |
| 150.0 | -230.0 | 193.74 | -14 | 17.9 | 194 | 273 | 0.250 | 2.18 | 100N | 230N | 1 |
| 150.0 | -235.0 | 161.47 | -53 | 17.5 | 161 | 244 | 8.000 | 0.42 | 100N | 235N | 1 |
| 150.0 | -240.0 | 183.90 | -1 | 15.7 | 184 | 227 | 16.000 | 1.58 | 100N | 240N | 1 |
| 150.0 | -245.0 | 187.66 | -4 | 15.4 | 188 | 217 | 4.000 | 0.57 | 100N | 245N | 1 |
| 150.0 | -250.0 | 194.72 | -22 | 17.8 | 195 | 252 | 1.000 | 0.80 | 100N | 250N | 1 |
| 150.0 | -255.0 | 188.40 | -4 | 15.2 | 188 | 218 | 1.000 | 0.51 | 100N | 255N | 1 |
| 150.0 | -260.0 | 193.38 | -7 | 17.7 | 193 | 271 | 0.250 | 1.62 | 100N | 260N | 1 |
| 150.0 | -265.0 | 163.91 | 3 | 17.3 | 164 | 246 | 1.000 | 0.83 | 100N | 265N | 1 |
| 150.0 | -270.0 | 150.64 | -4 | 15.2 | 151 | 220 | 16.000 | 1.06 | 100N | 270N | 1 |
| 225.0 | -15.0 | 72.91 | 22 | 22.9 | 146 | 457 | 0.015 | 2.80 | 100S | 15N | 1 |
| 225.0 | -20.0 | 65.43 | 3 | 28.5 | 131 | 439 | 0.250 | 10.13 | 100S | 20N | 1 |
| 225.0 | -25.0 | 14.32 | 4 | 23.1 | 29 | 922 | 048.000 | 15.66 | 100S | 25N | 1 |
| 225.0 | -30.0 | 114.68 | 0 | 17.7 | 229 | 251 | 16.000 | 2.38 | 100S | 30N | 1 |
| 225.0 | -35.0 | 99.88 | -42 | 9.8 | 250 | 151 | 16.000 | 3.86 | 100S | 35N | 1 |
| 225.0 | -40.0 | 16.21 | -9 | -91.0 | 32 | -10 | 0.125 | 2.52 | 100S | 40N | 1 |
| 225.0 | -45.0 | 37.59 | 0 | -32.1 | 75 | -45 | 0.250 | 2.66 | 100S | 45N | 1 |
| 225.0 | -50.0 | 58.85 | 4 | 39.8 | 98 | 507 | 0.500 | 1.22 | 100S | 50N | 1 |
| 225.0 | -55.0 | -75.85 | 3 | -14.9 | -190 | -21 | 0.500 | 3.89 | 100S | 55N | 1 |
| 225.0 | -60.0 | 46.93 | 11 | 117.3 | 94 | 902 | 4.000 | 1.03 | 100S | 60N | 1 |
| 225.0 | -65.0 | 73.00 | -4 | 85.5 | 146 | 749 | 8.000 | 0.99 | 100S | 65N | 1 |
| 225.0 | -70.0 | 153.17 | -1 | 44.9 | 255 | 506 | 8.000 | 0.34 | 100S | 70N | 1 |
| 225.0 | -75.0 | 158.70 | 0 | 29.4 | 397 | 371 | 4.000 | 0.50 | 100S | 75N | 1 |
| 225.0 | -80.0 | 319.01 | 2 | 19.4 | 638 | 266 | 8.000 | 0.43 | 100S | 80N | 1 |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| 150.0 | -20.0 | 421.04 | 2 | 24.0 | 421 | 313 | 2.000 | 1.43 | 100N | 20N | 1 |
| 150.0 | -25.0 | 456.84 | 0 | 19.6 | 457 | 274 | 1.000 | 2.95 | 100N | 25N | 1 |
| 150.0 | -30.0 | 507.62 | -1 | 19.8 | 508 | 272 | 2.000 | 0.84 | 100N | 30N | 1 |
| 150.0 | -35.0 | -575.27 | -43 | 18.6 | -575 | 258 | 2.000 | 0.90 | 100N | 35N | 1 |
| 150.0 | -40.0 | -564.71 | -13 | 17.6 | -565 | 245 | 2.000 | 0.63 | 100N | 40N | 1 |
| 150.0 | -45.0 | -501.82 | -1 | 19.4 | -502 | 265 | 2.000 | 0.67 | 100N | 45N | 1 |
| 150.0 | -50.0 | 448.58 | 5 | 19.8 | 449 | 269 | 2.000 | 0.86 | 100N | 50N | 1 |
| 150.0 | -55.0 | 968.75 | 9 | 19.0 | 969 | 262 | 2.000 | 0.80 | 100N | 55N | 1 |
| 150.0 | -60.0 | 982.05 | 18 | 18.1 | 982 | 251 | 2.000 | 0.74 | 100N | 60N | 1 |
| 150.0 | -65.0 | 911.56 | -4 | 18.6 | 912 | 256 | 2.000 | 0.60 | 100N | 65N | 1 |
| 150.0 | -70.0 | 400.16 | 0 | 16.8 | 400 | 235 | 2.000 | 0.67 | 100N | 70N | 1 |
| 150.0 | -75.0 | 382.47 | 1 | 16.0 | 382 | 224 | 2.000 | 0.42 | 100N | 75N | 1 |
| 150.0 | -80.0 | 332.34 | 6 | 16.7 | 332 | 233 | 2.000 | 0.52 | 100N | 80N | 1 |
| 150.0 | -85.0 | 327.63 | 7 | 17.6 | 328 | 244 | 2.000 | 1.04 | 100N | 85N | 1 |
| 150.0 | -90.0 | 334.66 | 1 | 18.6 | 335 | 255 | 2.000 | 0.91 | 100N | 90N | 1 |
| 150.0 | -95.0 | 352.18 | 16 | 19.6 | 352 | 267 | 4.000 | 0.88 | 100N | 95N | 1 |
| 150.0 | -100.0 | 357.35 | 57 | 18.6 | 357 | 255 | 4.000 | 0.71 | 100N | 100N | 1 |
| 150.0 | -105.0 | 337.10 | 5 | 19.2 | 337 | 262 | 4.000 | 1.06 | 100N | 105N | 1 |
| 150.0 | -110.0 | 350.11 | 10 | 19.3 | 350 | 264 | 2.000 | 1.13 | 100N | 110N | 1 |
| 150.0 | -115.0 | 341.85 | -10 | 18.2 | 342 | 250 | 4.000 | 0.45 | 100N | 115N | 1 |
| 150.0 | -120.0 | 343.62 | -53 | 19.9 | 344 | 272 | 2.000 | 0.99 | 100N | 120N | 1 |
| 150.0 | -125.0 | 356.22 | -11 | 19.6 | 356 | 266 | 4.000 | 0.31 | 100N | 125N | 1 |
| 150.0 | -130.0 | 326.95 | -7 | 19.4 | 327 | 267 | 8.000 | 0.48 | 100N | 130N | 1 |
| 150.0 | -135.0 | 292.96 | 1 | 21.3 | 293 | 287 | 4.000 | 0.59 | 100N | 135N | 1 |
| 150.0 | -140.0 | 295.04 | 4 | 19.8 | 295 | 270 | 8.000 | 0.40 | 100N | 140N | 1 |
| 150.0 | -145.0 | 283.93 | 6 | 19.6 | 284 | 266 | 4.000 | 0.46 | 100N | 145N | 1 |
| 150.0 | -150.0 | 270.53 | 7 | 20.5 | 271 | 277 | 4.000 | 0.52 | 100N | 150N | 1 |
| 150.0 | -155.0 | 276.33 | 9 | 20.6 | 276 | 279 | 2.000 | 0.95 | 100N | 155N | 1 |
| 150.0 | -160.0 | 270.38 | 11 | 20.8 | 270 | 282 | 2.000 | 0.88 | 100N | 160N | 1 |
| 150.0 | -165.0 | 267.27 | 9 | 20.4 | 267 | 277 | 4.000 | 0.74 | 100N | 165N | 1 |
| 150.0 | -170.0 | 267.31 | 12 | 20.4 | 267 | 276 | 2.000 | 0.82 | 100N | 170N | 1 |
| 150.0 | -175.0 | 281.78 | 1 | 19.9 | 282 | 302 | 0.250 | 2.36 | 100N | 175N | 1 |
| 150.0 | -180.0 | 267.22 | 6 | 20.1 | 267 | 271 | 4.000 | 0.44 | 100N | 180N | 1 |
| 150.0 | -185.0 | 246.33 | -9 | 21.8 | 246 | 294 | 2.000 | 0.79 | 100N | 185N | 1 |
| 150.0 | -190.0 | 246.46 | -6 | 22.0 | 246 | 295 | 2.000 | 0.85 | 100N | 190N | 1 |
| 150.0 | -195.0 | 193.52 | 12 | 19.3 | 194 | 326 | 256.000 | 2.42 | 100N | 195N | 1 |
| 150.0 | -200.0 | 178.00 | -13 | 20.4 | 178 | 283 | 1.000 | 1.35 | 100N | 200N | 1 |
| 150.0 | -205.0 | 190.44 | 71 | 17.9 | 190 | 253 | 1.000 | 1.30 | 100N | 205N | 1 |
| 150.0 | -210.0 | 191.15 | 84 | 17.9 | 191 | 252 | 1.000 | 1.26 | 100N | 210N | 1 |
| 150.0 | -215.0 | 188.93 | 57 | 18.3 | 189 | 278 | 0.250 | 2.58 | 100N | 215N | 1 |
| 150.0 | -220.0 | 170.43 | -2 | 19.7 | 170 | 298 | 0.250 | 2.25 | 100N | 220N | 1 |
| 150.0 | -225.0 | 159.93 | -66 | 17.5 | 160 | 247 | 1.000 | 1.32 | 100N | 225N | 1 |
| 150.0 | -230.0 | 193.74 | -14 | 17.9 | 194 | 273 | 0.250 | 2.18 | 100N | 230N | 1 |
| 150.0 | -235.0 | 161.47 | -53 | 17.5 | 161 | 244 | 8.000 | 0.42 | 100N | 235N | 1 |
| 150.0 | -240.0 | 183.90 | -1 | 15.7 | 184 | 227 | 16.000 | 1.58 | 100N | 240N | 1 |
| 150.0 | -245.0 | 187.66 | -4 | 15.4 | 188 | 217 | 4.000 | 0.57 | 100N | 245N | 1 |
| 150.0 | -250.0 | 194.72 | -22 | 17.8 | 195 | 252 | 1.000 | 0.80 | 100N | 250N | 1 |
| 150.0 | -255.0 | 188.40 | -4 | 15.2 | 188 | 218 | 1.000 | 0.51 | 100N | 255N | 1 |
| 150.0 | -260.0 | 193.38 | -7 | 17.7 | 193 | 271 | 0.250 | 1.62 | 100N | 260N | 1 |
| 150.0 | -265.0 | 163.91 | 3 | 17.3 | 164 | 246 | 1.000 | 0.83 | 100N | 265N | 1 |
| 150.0 | -270.0 | 150.64 | -4 | 15.2 | 151 | 220 | 16.000 | 1.06 | 100N | 270N | 1 |
| 225.0 | -15.0 | 72.91 | 22 | 22.9 | 146 | 457 | 0.015 | 2.80 | 100S | 15N | 1 |
| 225.0 | -20.0 | 65.43 | 3 | 28.5 | 131 | 439 | 0.250 | 10.13 | 100S | 20N | 1 |
| 225.0 | -25.0 | 14.32 | 4 | 23.1 | 29 | 922 | 048.000 | 15.66 | 100S | 25N | 1 |
| 225.0 | -30.0 | 114.68 | 0 | 17.7 | 229 | 251 | 16.000 | 2.38 | 100S | 30N | 1 |
| 225.0 | -35.0 | 99.88 | -42 | 9.8 | 250 | 151 | 16.000 | 3.86 | 100S | 35N | 1 |
| 225.0 | -40.0 | 16.21 | -9 | -91.0 | 32 | -10 | 0.125 | 2.52 | 100S | 40N | 1 |
| 225.0 | -45.0 | 37.59 | 0 | -32.1 | 75 | -45 | 0.250 | 2.66 | 100S | 45N | 1 |
| 225.0 | -50.0 | 58.85 | 4 | 39.8 | 98 | 507 | 0.500 | 1.22 | 100S | 50N | 1 |
| 225.0 | -55.0 | -75.85 | 3 | -14.9 | -190 | -21 | 0.500 | 3.89 | 100S | 55N | 1 |
| 225.0 | -60.0 | 46.93 | 11 | 117.3 | 94 | 902 | 4.000 | 1.03 | 100S | 60N | 1 |
| 225.0 | -65.0 | 73.00 | -4 | 85.5 | 146 | 749 | 8.000 | 0.99 | 100S | 65N | 1 |
| 225.0 | -70.0 | 153.17 | -1 | 44.9 | 255 | 506 | 8.000 | 0.34 | 100S | 70N | 1 |
| 225.0 | -75.0 | 158.70 | 0 | 29.4 | 397 | 371 | 4.000 | 0.50 | 100S | 75N | 1 |
| 225.0 | -80.0 | 319.01 | 2 | 19.4 | 638 | 266 | 8.000 | 0.43 | 100S | 80N | 1 |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| 225.0 | -85.0 | 309.69 | 8 | 18.7 | 619 | 264 | 16.000 | 0.70 | 100S | 85N | 1 |
| 225.0 | -90.0 | 351.01 | 1 | 21.6 | 585 | 287 | 4.000 | 0.68 | 100S | 90N | 1 |
| 225.0 | -95.0 | 277.49 | 16 | 24.7 | 462 | 329 | 16.000 | 0.29 | 100S | 95N | 1 |
| 225.0 | -100.0 | 159.34 | 57 | 38.2 | 266 | 476 | 64.000 | 0.24 | 100S | 100N | 1 |
| 225.0 | -105.0 | 246.32 | 5 | 28.4 | 411 | 391 | 64.000 | 0.53 | 100S | 105N | 1 |
| 225.0 | -110.0 | 383.08 | 10 | 18.5 | 638 | 255 | 8.000 | 0.62 | 100S | 110N | 1 |
| 225.0 | -115.0 | 552.03 | -10 | 12.3 | 920 | 178 | 2.000 | 0.72 | 100S | 115N | 1 |
| 225.0 | -120.0 | 714.89 | -53 | 10.7 | 1191 | 165 | 0.500 | 0.92 | 100S | 120N | 1 |
| 225.0 | -125.0 | 731.84 | -9 | 9.5 | 1220 | 153 | 0.250 | 0.80 | 100S | 125N | 1 |
| 225.0 | -130.0 | 623.13 | -7 | 10.7 | 1039 | 164 | 0.500 | 0.55 | 100S | 130N | 1 |
| 225.0 | -135.0 | 480.70 | 2 | 13.2 | 801 | 193 | 1.000 | 0.64 | 100S | 135N | 1 |
| 225.0 | -140.0 | 374.32 | 4 | 14.6 | 624 | 207 | 4.000 | 0.29 | 100S | 140N | 1 |
| 225.0 | -145.0 | 278.24 | 6 | 18.0 | 464 | 248 | 4.000 | 0.44 | 100S | 145N | 1 |
| 225.0 | -150.0 | 255.00 | 7 | 19.8 | 425 | 269 | 2.000 | 0.86 | 100S | 150N | 1 |
| 225.0 | -155.0 | 313.05 | 10 | 20.8 | 447 | 282 | 4.000 | 0.70 | 100S | 155N | 1 |
| 225.0 | -160.0 | 304.63 | 11 | 19.7 | 508 | 268 | 2.000 | 0.44 | 100S | 160N | 1 |
| 225.0 | -165.0 | 385.56 | 8 | 19.1 | 551 | 260 | 4.000 | 0.12 | 100S | 165N | 1 |
| 225.0 | -170.0 | 392.00 | 11 | 19.0 | 560 | 260 | 4.000 | 0.22 | 100S | 170N | 1 |
| 225.0 | -175.0 | 413.52 | 1 | 16.7 | 591 | 239 | 1.000 | 1.03 | 100S | 175N | 1 |
| 225.0 | -180.0 | 317.85 | 5 | 17.6 | 530 | 244 | 4.000 | 0.60 | 100S | 180N | 1 |
| 225.0 | -185.0 | 314.96 | -9 | 19.0 | 450 | 259 | 4.000 | 0.18 | 100S | 185N | 1 |
| 225.0 | -190.0 | 320.17 | -7 | 18.8 | 457 | 258 | 4.000 | 0.32 | 100S | 190N | 1 |
| 225.0 | -195.0 | 241.47 | 13 | 18.9 | 345 | 287 | 64.000 | 0.90 | 100S | 195N | 1 |
| 225.0 | -200.0 | 201.86 | -12 | 19.3 | 336 | 264 | 2.000 | 0.78 | 100S | 200N | 1 |
| 225.0 | -205.0 | 241.16 | 71 | 17.0 | 345 | 237 | 2.000 | 0.49 | 100S | 205N | 1 |
| 225.0 | -210.0 | 246.00 | 85 | 16.7 | 351 | 234 | 2.000 | 0.64 | 100S | 210N | 1 |
| 225.0 | -215.0 | 243.74 | 55 | 17.2 | 348 | 244 | 1.000 | 0.47 | 100S | 215N | 1 |
| 225.0 | -220.0 | 194.36 | -3 | 16.9 | 324 | 278 | 0.125 | 1.01 | 100S | 220N | 1 |
| 225.0 | -225.0 | 220.72 | -64 | 15.6 | 315 | 221 | 2.000 | 0.69 | 100S | 225N | 1 |
| 225.0 | -230.0 | 270.86 | -14 | 15.5 | 387 | 223 | 1.000 | 0.65 | 100S | 230N | 1 |
| 225.0 | -235.0 | 222.86 | -52 | 15.4 | 318 | 217 | 4.000 | 0.21 | 100S | 235N | 1 |
| 225.0 | -240.0 | 211.95 | -1 | 14.9 | 353 | 217 | 16.000 | 0.43 | 100S | 240N | 1 |
| 225.0 | -245.0 | 239.53 | -3 | 14.5 | 342 | 205 | 2.000 | 0.32 | 100S | 245N | 1 |
| 225.0 | -250.0 | 231.21 | -22 | 18.1 | 330 | 263 | 0.500 | 0.57 | 100S | 250N | 1 |
| 225.0 | -255.0 | 239.62 | -3 | 14.5 | 342 | 207 | 2.000 | 0.63 | 100S | 255N | 1 |
| 225.0 | -260.0 | 194.58 | -6 | 16.4 | 324 | 269 | 0.125 | 0.98 | 100S | 260N | 1 |
| 225.0 | -265.0 | 191.79 | 5 | 15.5 | 274 | 219 | 2.000 | 0.35 | 100S | 265N | 1 |
| 225.0 | -270.0 | 175.93 | -4 | 12.5 | 251 | 194 | 32.000 | 1.05 | 100S | 270N | 1 |
| 300.0 | -15.0 | 223.98 | 23 | 19.5 | 224 | 143 | 0.000 | 22.68 | 200S | 15N | 1 |
| 300.0 | -20.0 | 209.47 | 6 | 23.0 | 209 | 144 | 0.000 | 7.51 | 200S | 20N | 1 |
| 300.0 | -25.0 | 195.13 | 7 | 22.3 | 195 | 450 | 0.015 | 9.20 | 200S | 25N | 1 |
| 300.0 | -30.0 | 203.37 | 1 | 17.0 | 203 | 456 | 0.003 | 3.31 | 200S | 30N | 1 |
| 300.0 | -40.0 | 63.47 | -8 | 15.1 | 212 | 995 | 0.000 | 6.39 | 200S | 40N | 1 |
| 300.0 | -45.0 | 60.85 | -0 | 13.7 | 203 | 638 | 0.000 | 0.38 | 200S | 45N | 1 |
| 300.0 | -50.0 | -72.41 | 4 | 13.2 | -145 | 288 | 0.015 | 4.84 | 200S | 50N | 1 |
| 300.0 | -60.0 | -101.67 | 8 | 9.6 | -339 | 692 | 0.000 | 13.15 | 200S | 60N | 1 |
| 300.0 | -65.0 | -86.98 | -3 | 6.4 | -290 | 469 | 0.000 | 15.85 | 200S | 65N | 1 |
| 300.0 | -70.0 | -40.08 | -1 | -17.5 | -80 | -360 | 48.000 | 6.34 | 200S | 70N | 1 |
| 300.0 | -80.0 | 30.27 | 1 | 18.1 | 101 | 3122 | 56.000 | 1.23 | 200S | 80N | 1 |
| 300.0 | -85.0 | 23.61 | 9 | 13.3 | 79 | 2990 | 48.000 | 6.20 | 200S | 85N | 1 |
| 300.0 | -90.0 | 20.16 | 1 | 25.9 | 40 | 100 | 0.000 | 26.97 | 200S | 90N | 1 |
| 300.0 | -95.0 | -22.32 | 16 | 1.2 | -45 | 0 | 0.000 | 0.00 | 200S | 95N | 1 |
| 300.0 | -100.0 | -74.55 | 57 | 3.2 | -149 | 267 | 0.000 | 29.38 | 200S | 100N | 1 |
| 300.0 | -105.0 | -23.39 | 4 | -11.1 | -47 | 0 | 0.000 | 0.00 | 200S | 105N | 1 |
| 300.0 | -110.0 | 42.59 | 10 | 4.5 | 85 | 0 | 0.000 | 0.00 | 200S | 110N | 1 |
| 300.0 | -115.0 | 138.82 | -10 | 3.6 | 278 | 59 | 8.000 | 1.16 | 200S | 115N | 1 |
| 300.0 | -120.0 | 228.64 | -54 | 3.5 | 457 | 55 | 4.000 | 1.21 | 200S | 120N | 1 |
| 300.0 | -125.0 | 248.22 | -9 | 2.9 | 496 | 194 | 0.000 | 0.57 | 200S | 125N | 1 |
| 300.0 | -130.0 | 214.87 | -7 | 4.9 | 430 | 330 | 0.000 | 2.82 | 200S | 130N | 1 |
| 300.0 | -135.0 | 154.84 | 2 | 6.0 | 310 | 90 | 4.000 | 1.38 | 200S | 135N | 1 |
| 300.0 | -140.0 | 102.55 | 5 | 7.3 | 205 | 112 | 1.000 | 0.51 | 200S | 140N | 1 |
| 300.0 | -145.0 | 57.80 | 6 | 12.1 | 116 | 2262 | 56.000 | 2.07 | 200S | 145N | 1 |
| 300.0 | -150.0 | 56.60 | 7 | 15.8 | 113 | 229 | 16.000 | 0.64 | 200S | 150N | 1 |
| 300.0 | -155.0 | 71.18 | 9 | 20.9 | 142 | 284 | 8.000 | 0.71 | 200S | 155N | 1 |
| 300.0 | -160.0 | 112.51 | 11 | 17.2 | 225 | 3700 | 48.000 | 4.54 | 200S | 160N | 1 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 300.0 | -170.0 | 147.28 | 9 | 17.2 | 295 | 247 | 16.000 | 0.60 | 200S | 170N | 1 |
| 300.0 | -175.0 | 178.15 | -0 | 13.2 | 356 | 288 | 48.000 | 13.61 | 200S | 175N | 1 |
| 300.0 | -180.0 | 153.70 | 4 | 15.4 | 307 | 218 | 4.000 | 1.19 | 200S | 180N | 1 |
| 300.0 | -185.0 | 127.42 | -9 | 16.2 | 255 | 330 | 24.000 | 1.99 | 200S | 185N | 1 |
| 300.0 | -190.0 | 127.49 | -7 | 16.3 | 255 | 245 | 32.000 | 0.74 | 200S | 190N | 1 |
| 300.0 | -195.0 | 106.37 | 14 | 20.3 | 213 | 387 | 0.031 | 3.10 | 200S | 195N | 1 |
| 300.0 | -200.0 | 114.33 | -12 | 18.4 | 229 | 383 | 48.000 | 5.69 | 200S | 200N | 1 |
| 300.0 | -205.0 | 118.91 | 71 | 16.5 | 238 | 360 | 48.000 | 2.24 | 200S | 205N | 1 |
| 300.0 | -210.0 | 118.87 | 86 | 16.9 | 238 | 236 | 4.000 | 0.58 | 200S | 210N | 1 |
| 300.0 | -215.0 | 94.22 | 56 | 17.9 | 236 | 381 | 48.000 | 8.22 | 200S | 215N | 1 |
| 300.0 | -220.0 | 119.16 | -3 | 16.5 | 238 | 272 | 128.000 | 5.86 | 200S | 220N | 1 |
| 300.0 | -225.0 | 126.38 | -63 | 15.3 | 253 | 219 | 8.000 | 1.25 | 200S | 225N | 1 |
| 300.0 | -230.0 | 160.55 | -14 | 14.8 | 321 | 207 | 4.000 | 0.67 | 200S | 230N | 1 |
| 300.0 | -235.0 | 102.15 | -53 | 15.5 | 255 | 242 | 0.250 | 3.22 | 200S | 235N | 1 |
| 300.0 | -240.0 | 146.39 | -1 | 14.6 | 293 | 228 | 0.250 | 2.97 | 200S | 240N | 1 |
| 300.0 | -245.0 | 142.62 | -4 | 15.5 | 285 | 239 | 0.250 | 1.56 | 200S | 245N | 1 |
| 300.0 | -250.0 | 135.00 | -23 | 17.6 | 270 | 244 | 2.000 | 0.27 | 200S | 250N | 1 |
| 300.0 | -255.0 | 113.59 | -2 | 15.6 | 284 | 232 | 0.500 | 1.41 | 200S | 255N | 1 |
| 300.0 | -260.0 | 132.13 | -5 | 17.0 | 264 | 235 | 4.000 | 2.34 | 200S | 260N | 1 |
| 300.0 | -265.0 | 114.37 | 5 | 15.4 | 229 | 215 | 4.000 | 0.86 | 200S | 265N | 1 |
| 300.0 | -270.0 | 106.53 | -3 | 14.1 | 213 | 205 | 1.000 | 0.48 | 200S | 270N | 1 |

```
$$DATA$$     12    -1     8  -2000        1          Sept/96
Array:P  Trav dir:S  Current:T  Num Sep:3  A Spc:20,20,20  Eff.Sep:1,2,3
TEUTON RESOURCES CORP. - CLONE PROJECT, STEWART, B.C.
DDH9643 - Az     , Dip -  , Depth 227 m
DOWNHOLE IP SURVEY
vertical gradient array, C2 @ 1200N; C1 @ 100N, 100E, 100S, 100W
Mx chargeability for the interval 690-1050 msecs after shutoff
Normalized VP = VP / current x 1000
NOTE: Grid North 315 Degrees
LINESTN SEP XGD YGD VP  SP  Mx  NVP Mi  TAU FIT
   3   3   3   2   2   1   1   1   1   1   1
(T62,2A8,A3,T1,3F8.0,F5.0,3F6.0,2F7.0)
    75.0   -15.0  598.70   13  12.4   748   268 48.000  22.69    100N     15N  1
    75.0   -20.0  607.02   -2  10.8   759   264 48.000  10.29    100N     20N  1
    75.0   -25.0  591.22  -16  11.1   739   268 48.000   4.77    100N     25N  1
    75.0   -30.0  523.25  -14  11.5   654   236 12.000   2.91    100N     30N  1
    75.0   -35.0  454.94   -6  13.4   569   216 64.000   2.33    100N     35N  1
    75.0   -40.0  411.77   12  14.3   515   219 32.000   1.02    100N     40N  1
    75.0   -45.0  427.92   20  13.7   535   202 16.000   1.03    100N     45N  1
    75.0   -50.0  413.96   18  13.7   517   203 16.000   0.97    100N     50N  1
    75.0   -55.0  422.71   19  13.3   528   198 16.000   0.67    100N     55N  1
    75.0   -60.0  393.17   20  13.6   491   194  2.000   0.71    100N     60N  1
    75.0   -65.0  351.65    8  15.4   440   217  4.000   0.52    100N     65N  1
    75.0   -70.0  332.76    9  17.2   416   244  1.000   1.79    100N     70N  1
    75.0   -75.0  316.38   18  18.6   395   271  0.500   1.77    100N     75N  1
    75.0   -80.0  390.36  -10  16.4   488   246 32.000   1.09    100N     80N  1
    75.0   -85.0  408.52   -9  15.8   511   229 16.000   0.82    100N     85N  1
    75.0   -90.0  393.97  -14  15.2   492   240 64.000   1.70    100N     90N  1
    75.0   -95.0  409.07  -19  14.6   511   247128.000   2.27    100N     95N  1
    75.0  -100.0  353.22   23  18.3   442   252  8.000   0.43    100N    100N  1
    75.0  -105.0  351.82   10  22.5   440   299  8.000   0.56    100N    105N  1
    75.0  -110.0  365.05   23  24.2   456   324 16.000   0.40    100N    110N  1
    75.0  -115.0  403.77   21  23.9   505   317  8.000   0.23    100N    115N  1
    75.0  -120.0  406.59   -4  22.2   508   302  2.000   0.91    100N    120N  1
    75.0  -125.0  446.06  -10  19.5   558   266  2.000   0.46    100N    125N  1
    75.0  -130.0  435.68    7  16.7   545   233  2.000   0.28    100N    130N  1
    75.0  -135.0  345.95  -16  16.8   432   234  2.000   0.40    100N    135N  1
    75.0  -140.0  345.65   -5  15.3   432   237 64.000   1.44    100N    140N  1
    75.0  -145.0  278.00    5  13.6   348   201 16.000   1.06    100N    145N  1
    75.0  -150.0  260.42  -16  15.7   326   224  8.000   0.52    100N    150N  1
    75.0  -155.0  269.03   26  14.9   336   210  4.000   0.57    100N    155N  1
    75.0  -160.0  237.41   -4  17.7   297   245  4.000   0.77    100N    160N  1
    75.0  -165.0  222.80   -2  18.2   279   250  2.000   0.73    100N    165N  1
    75.0  -170.0  232.08  -16  16.9   290   234  4.000   0.44    100N    170N  1
    75.0  -175.0  253.95   -1  16.3   317   227  2.000   0.64    100N    175N  1
    75.0  -180.0  197.48  118  17.5   247   246  8.000   0.85    100N    180N  1
    75.0  -185.0  224.37  216  15.8   280   223  4.000   0.74    100N    185N  1
    75.0  -190.0  161.34   81  18.9   202   260  2.000   1.41    100N    190N  1
    75.0  -195.0  107.47  216  20.7   134   289 16.000   0.77    100N    195N  1
    75.0  -200.0  205.26  -82  18.1   257   247  4.000   1.07    100N    200N  1
    75.0  -205.0  180.02 -200  17.3   225   236  4.000   1.02    100N    205N  1
    75.0  -210.0  239.53  -61  15.3   299   215  2.000   1.15    100N    210N  1
    75.0  -215.0  280.09 -216  13.6   350   195  2.000   0.64    100N    215N  1
   150.0   -15.0  122.34   14  34.1   153     0  0.000   0.00    100E     15N  1
   150.0   -20.0 1568.69   -6  10.5  1961   100  0.000  32.40    100E     20N  1
   150.0   -25.0  932.53  -16  13.7  1166   306 48.000  14.20    100E     25N  1
   150.0   -30.0  219.83  -16  24.8   275   409 12.000   3.56    100E     30N  1
   150.0   -35.0  257.13   -5  19.3   321   308128.000   2.43    100E     35N  1
   150.0   -40.0  303.61   13  14.1   380   202  8.000   0.67    100E     40N  1
   150.0   -45.0  357.18   21   9.3   446   139  1.000   1.17    100E     45N  1
   150.0   -50.0  365.23   21  11.7   457   187  0.250   3.08    100E     50N  1
   150.0   -55.0  388.48   19  13.4   486   192  4.000   0.37    100E     55N  1
   150.0   -60.0  343.56   19  14.3   429   207  1.000   1.20    100E     60N  1
   150.0   -65.0  101.29    9  30.5   127   384 32.000   4.69    100E     65N  1
```

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 150.0 | -80.0 | 333.01 | -8 | 17.6 | 416 | 245 | 8.000 | 0.76 | 100E | 80N | 1 |
| 150.0 | -85.0 | 559.98 | -9 | 15.2 | 700 | 227 | 0.500 | 2.46 | 100E | 85N | 1 |
| 150.0 | -90.0 | 555.48 | -8 | 16.9 | 694 | 233 | 4.000 | 0.39 | 100E | 90N | 1 |
| 150.0 | -95.0 | 419.07 | -17 | 14.7 | 524 | 235 | 64.000 | 2.48 | 100E | 95N | 1 |
| 150.0 | -100.0 | 390.15 | 24 | 15.1 | 488 | 213 | 4.000 | 0.34 | 100E | 100N | 1 |
| 150.0 | -105.0 | 372.47 | 10 | 16.9 | 466 | 234 | 4.000 | 0.61 | 100E | 105N | 1 |
| 150.0 | -110.0 | 364.93 | 26 | 19.4 | 456 | 268 | 8.000 | 0.48 | 100E | 110N | 1 |
| 150.0 | -115.0 | 406.72 | 20 | 20.7 | 508 | 277 | 4.000 | 0.67 | 100E | 115N | 1 |
| 150.0 | -120.0 | 435.55 | -5 | 20.6 | 544 | 280 | 2.000 | 0.95 | 100E | 120N | 1 |
| 150.0 | -125.0 | 475.38 | -8 | 21.0 | 594 | 290 | 1.000 | 1.06 | 100E | 125N | 1 |
| 150.0 | -130.0 | 457.19 | 13 | 19.3 | 571 | 263 | 2.000 | 0.63 | 100E | 130N | 1 |
| 150.0 | -135.0 | 383.89 | -16 | 19.1 | 480 | 262 | 2.000 | 0.61 | 100E | 135N | 1 |
| 150.0 | -140.0 | 378.66 | -5 | 16.9 | 473 | 238 | 8.000 | 0.43 | 100E | 140N | 1 |
| 150.0 | -145.0 | 367.21 | 3 | 14.1 | 459 | 204 | 8.000 | 0.56 | 100E | 145N | 1 |
| 150.0 | -150.0 | 369.28 | -22 | 15.4 | 462 | 216 | 2.000 | 0.66 | 100E | 150N | 1 |
| 150.0 | -155.0 | 370.57 | 25 | 15.6 | 463 | 220 | 2.000 | 0.58 | 100E | 155N | 1 |
| 150.0 | -160.0 | 320.08 | -3 | 17.9 | 400 | 248 | 2.000 | 0.92 | 100E | 160N | 1 |
| 150.0 | -165.0 | 264.19 | -2 | 19.9 | 330 | 271 | 2.000 | 1.00 | 100E | 165N | 1 |
| 150.0 | -170.0 | 267.71 | -16 | 19.1 | 335 | 261 | 4.000 | 0.48 | 100E | 170N | 1 |
| 150.0 | -175.0 | 280.36 | 1 | 19.1 | 350 | 262 | 2.000 | 0.73 | 100E | 175N | 1 |
| 150.0 | -180.0 | 216.98 | 121 | 20.1 | 271 | 273 | 2.000 | 0.52 | 100E | 180N | 1 |
| 150.0 | -185.0 | 246.87 | 214 | 19.7 | 309 | 268 | 4.000 | 0.86 | 100E | 185N | 1 |
| 150.0 | -190.0 | 183.00 | 80 | 22.9 | 229 | 309 | 1.000 | 1.28 | 100E | 190N | 1 |
| 150.0 | -195.0 | 124.18 | 215 | 23.2 | 155 | 309 | 4.000 | 0.74 | 100E | 195N | 1 |
| 150.0 | -200.0 | 223.77 | -86 | 21.5 | 280 | 290 | 8.000 | 0.78 | 100E | 200N | 1 |
| 150.0 | -205.0 | 193.14 | -200 | 19.4 | 241 | 267 | 4.000 | 1.27 | 100E | 205N | 1 |
| 150.0 | -210.0 | 251.12 | -62 | 18.1 | 314 | 250 | 2.000 | 1.00 | 100E | 210N | 1 |
| 150.0 | -215.0 | 301.54 | -214 | 16.5 | 377 | 231 | 2.000 | 0.40 | 100E | 215N | 1 |
| 225.0 | -15.0 | 807.29 | 16 | 13.9 | 1153 | 335 | 0.007 | 3.96 | 100S | 15N | 1 |
| 225.0 | -20.0 | 771.27 | 1 | 13.2 | 1102 | 230 | 0.062 | 3.59 | 100S | 20N | 1 |
| 225.0 | -25.0 | 581.79 | -17 | 12.7 | 970 | 214 | 0.125 | 2.14 | 100S | 25N | 1 |
| 225.0 | -30.0 | 531.12 | -17 | 14.8 | 759 | 221 | 0.500 | 1.36 | 100S | 30N | 1 |
| 225.0 | -35.0 | 373.72 | -4 | 20.7 | 534 | 295 | 0.500 | 1.64 | 100S | 35N | 1 |
| 225.0 | -40.0 | -306.90 | 12 | 24.7 | -439 | 323 | 4.000 | 0.40 | 100S | 40N | 1 |
| 225.0 | -45.0 | -275.80 | 21 | 28.6 | -394 | 366 | 2.000 | 0.70 | 100S | 45N | 1 |
| 225.0 | -50.0 | -127.01 | 21 | 34.7 | -212 | 458 | 0.500 | 2.46 | 100S | 50N | 1 |
| 225.0 | -55.0 | -20.21 | 19 | 72.3 | -29 | 118 | 0.015 | 2.50 | 100S | 55N | 1 |
| 225.0 | -60.0 | 168.52 | 18 | 9.1 | 241 | 226 | 48.000 | 4.72 | 100S | 60N | 1 |
| 225.0 | -65.0 | 312.32 | 6 | 16.1 | 446 | 231 | 16.000 | 0.38 | 100S | 65N | 1 |
| 225.0 | -70.0 | 302.17 | 5 | 15.6 | 504 | 218 | 4.000 | 1.44 | 100S | 70N | 1 |
| 225.0 | -75.0 | 441.90 | 14 | 14.3 | 631 | 203 | 2.000 | 1.10 | 100S | 75N | 1 |
| 225.0 | -80.0 | 510.49 | -6 | 15.5 | 729 | 234 | 32.000 | 1.56 | 100S | 80N | 1 |
| 225.0 | -85.0 | 588.84 | -6 | 15.2 | 841 | 222 | 16.000 | 1.12 | 100S | 85N | 1 |
| 225.0 | -90.0 | 618.87 | -8 | 15.2 | 1031 | 216 | 8.000 | 0.63 | 100S | 90N | 1 |
| 225.0 | -95.0 | 792.26 | -15 | 16.0 | 1132 | 240 | 32.000 | 1.07 | 100S | 95N | 1 |
| 225.0 | -100.0 | 799.98 | 23 | 16.4 | 1143 | 237 | 16.000 | 0.22 | 100S | 100N | 1 |
| 225.0 | -105.0 | 786.58 | 12 | 17.2 | 1124 | 246 | 16.000 | 0.15 | 100S | 105N | 1 |
| 225.0 | -110.0 | 735.46 | 23 | 19.9 | 1051 | 278 | 16.000 | 0.15 | 100S | 110N | 1 |
| 225.0 | -115.0 | 644.83 | 22 | 20.5 | 1075 | 279 | 8.000 | 0.56 | 100S | 115N | 1 |
| 225.0 | -120.0 | 789.31 | -8 | 20.4 | 1128 | 276 | 8.000 | 0.67 | 100S | 120N | 1 |
| 225.0 | -125.0 | 750.74 | -7 | 22.8 | 1072 | 304 | 8.000 | 0.71 | 100S | 125N | 1 |
| 225.0 | -130.0 | 644.63 | -1 | 22.6 | 921 | 301 | 8.000 | 0.48 | 100S | 130N | 1 |
| 225.0 | -135.0 | 532.74 | -14 | 20.1 | 888 | 270 | 4.000 | 0.69 | 100S | 135N | 1 |
| 225.0 | -140.0 | 748.26 | -6 | 15.2 | 1069 | 223 | 16.000 | 0.73 | 100S | 140N | 1 |
| 225.0 | -145.0 | 950.94 | 5 | 11.7 | 1358 | 173 | 8.000 | 0.49 | 100S | 145N | 1 |
| 225.0 | -150.0 | 1071.24 | -8 | 11.4 | 1530 | 169 | 8.000 | 0.62 | 100S | 150N | 1 |
| 225.0 | -155.0 | 863.12 | 26 | 12.9 | 1439 | 186 | 4.000 | 0.48 | 100S | 155N | 1 |
| 225.0 | -160.0 | 805.05 | -3 | 15.1 | 1150 | 215 | 8.000 | 0.23 | 100S | 160N | 1 |
| 225.0 | -165.0 | 622.53 | -3 | 17.8 | 889 | 247 | 8.000 | 0.37 | 100S | 165N | 1 |
| 225.0 | -170.0 | 613.21 | -15 | 17.8 | 876 | 244 | 4.000 | 0.44 | 100S | 170N | 1 |
| 225.0 | -175.0 | 713.16 | 1 | 17.2 | 951 | 241 | 8.000 | 0.50 | 100S | 175N | 1 |
| 225.0 | -180.0 | 538.32 | 126 | 17.1 | 769 | 240 | 4.000 | 0.83 | 100S | 180N | 1 |
| 225.0 | -185.0 | 611.20 | 212 | 17.8 | 873 | 244 | 4.000 | 0.62 | 100S | 185N | 1 |
| 225.0 | -190.0 | 474.16 | 81 | 19.9 | 677 | 270 | 4.000 | 0.45 | 100S | 190N | 1 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 782 | [illegible] | [illegible] | [illegible] | 100S | 205N | 1 |
| 225.0 | -210.0 | 547.56 | -62 | 15.7 | 782 | 221 | 4.000 | 0.67 | 100S | 210N | 1 |
| 225.0 | -215.0 | 705.84 | -212 | 13.9 | 941 | 197 | 4.000 | 0.54 | 100S | 215N | 1 |
| 300.0 | -15.0 | 36.70 | 17 | 62.2 | 92 | 352 | 0.000 | 14.76 | 100W | 15N | 1 |
| 300.0 | -20.0 | 8.54 | 11 | 264.9 | 21 | 781 | 0.000 | 30.19 | 100W | 20N | 1 |
| 300.0 | -25.0 | 17.58 | -20 | 117.5 | 44 | 527 | 0.000 | 15.88 | 100W | 25N | 1 |
| 300.0 | -30.0 | 26.38 | -16 | 54.3 | 66 | 724 | 0.125 | 1.70 | 100W | 30N | 1 |
| 300.0 | -35.0 | 27.88 | -6 | 29.0 | 70 | 181 | 0.000 | 8.65 | 100W | 35N | 1 |
| 300.0 | -40.0 | -48.88 | 12 | 9.3 | -122 | 661 | 0.000 | 14.84 | 100W | 40N | 1 |
| 300.0 | -45.0 | -48.23 | 22 | -10.1 | -121 | 0 | 0.000 | 0.00 | 100W | 45N | 1 |
| 300.0 | -50.0 | -39.29 | 22 | -13.8 | -98 | 0 | 0.000 | 0.00 | 100W | 50N | 1 |
| 300.0 | -55.0 | -15.07 | 20 | -49.0 | -38 | -10 | 0.000 | 39.00 | 100W | 55N | 1 |
| 300.0 | -60.0 | 58.66 | 16 | 30.9 | 147 | 475 | 12.000 | 0.88 | 100W | 60N | 1 |
| 300.0 | -65.0 | 112.82 | 6 | 21.3 | 282 | 285 | 4.000 | 1.49 | 100W | 65N | 1 |
| 300.0 | -70.0 | 153.44 | 5 | 23.4 | 384 | 308 | 4.000 | 2.10 | 100W | 70N | 1 |
| 300.0 | -75.0 | 186.42 | 12 | 23.2 | 466 | 325 | 0.500 | 2.85 | 100W | 75N | 1 |
| 300.0 | -80.0 | 193.45 | -5 | 20.8 | 484 | 310 | 64.000 | 1.10 | 100W | 80N | 1 |
| 300.0 | -85.0 | 208.39 | -5 | 20.4 | 521 | 291 | 32.000 | 1.17 | 100W | 85N | 1 |
| 300.0 | -90.0 | 212.09 | -7 | 19.9 | 530 | 288 | 32.000 | 1.29 | 100W | 90N | 1 |
| 300.0 | -95.0 | 232.84 | -13 | 20.8 | 582 | 326 | 128.000 | 2.45 | 100W | 95N | 1 |
| 300.0 | -100.0 | 223.71 | 24 | 25.4 | 559 | 333 | 8.000 | 0.71 | 100W | 100N | 1 |
| 300.0 | -105.0 | 243.08 | 12 | 28.9 | 608 | 367 | 8.000 | 0.47 | 100W | 105N | 1 |
| 300.0 | -110.0 | 256.03 | 23 | 29.6 | 640 | 372 | 4.000 | 0.94 | 100W | 110N | 1 |
| 300.0 | -115.0 | 275.25 | 21 | 28.7 | 688 | 363 | 4.000 | 0.78 | 100W | 115N | 1 |
| 300.0 | -120.0 | 289.44 | -8 | 24.9 | 724 | 328 | 2.000 | 1.63 | 100W | 120N | 1 |
| 300.0 | -125.0 | 289.47 | -5 | 21.2 | 724 | 301 | 0.500 | 2.08 | 100W | 125N | 1 |
| 300.0 | -130.0 | 270.21 | 0 | 18.5 | 676 | 256 | 2.000 | 1.23 | 100W | 130N | 1 |
| 300.0 | -135.0 | 231.87 | -15 | 17.1 | 580 | 242 | 1.000 | 1.22 | 100W | 135N | 1 |
| 300.0 | -140.0 | 240.83 | -3 | 16.2 | 602 | 234 | 16.000 | 1.11 | 100W | 140N | 1 |
| 300.0 | -145.0 | 236.37 | 1 | 15.3 | 591 | 224 | 16.000 | 1.50 | 100W | 145N | 1 |
| 300.0 | -150.0 | 247.89 | -9 | 15.7 | 620 | 223 | 8.000 | 0.81 | 100W | 150N | 1 |
| 300.0 | -155.0 | 240.50 | 24 | 16.4 | 601 | 231 | 8.000 | 0.68 | 100W | 155N | 1 |
| 300.0 | -160.0 | 204.62 | -3 | 18.6 | 512 | 256 | 2.000 | 0.89 | 100W | 160N | 1 |
| 300.0 | -165.0 | 189.77 | -1 | 19.2 | 474 | 264 | 2.000 | 0.75 | 100W | 165N | 1 |
| 300.0 | -170.0 | 197.47 | -16 | 18.4 | 494 | 253 | 2.000 | 0.60 | 100W | 170N | 1 |
| 300.0 | -175.0 | 227.04 | 4 | 16.8 | 568 | 236 | 2.000 | 0.86 | 100W | 175N | 1 |
| 300.0 | -180.0 | 192.78 | 127 | 16.7 | 482 | 245 | 0.500 | 1.09 | 100W | 180N | 1 |
| 300.0 | -185.0 | 213.94 | 212 | 16.3 | 535 | 236 | 1.000 | 1.69 | 100W | 185N | 1 |
| 300.0 | -190.0 | 165.80 | 81 | 18.1 | 415 | 255 | 1.000 | 1.43 | 100W | 190N | 1 |
| 300.0 | -195.0 | 107.53 | 203 | 20.8 | 269 | 283 | 1.000 | 1.79 | 100W | 195N | 1 |
| 300.0 | -200.0 | 177.61 | -96 | 19.3 | 444 | 263 | 4.000 | 0.73 | 100W | 200N | 1 |
| 300.0 | -205.0 | 156.90 | -199 | 17.4 | 392 | 237 | 4.000 | 1.05 | 100W | 205N | 1 |
| 300.0 | -210.0 | 200.85 | -63 | 15.4 | 502 | 218 | 2.000 | 0.67 | 100W | 210N | 1 |
| 300.0 | -215.0 | 243.09 | -208 | 13.0 | 608 | 191 | 1.000 | 1.14 | 100W | 215N | 1 |