

**No. Fail**

SEL 268 Paya Jaras

**Rajah di muka**

| Stesen | BEARING / SUDUT |                 |           | Dari<br>Stn. | GARISAN<br>Bearing Mukhtamat | Ke<br>Stn. | Sudut Pugas<br>(±) | Jarak  | Suhu<br>6/8/66 | Jarak<br>Antara<br>Tumpang | Jarak Muli |
|--------|-----------------|-----------------|-----------|--------------|------------------------------|------------|--------------------|--------|----------------|----------------------------|------------|
|        | Penyilang Kiri  | Penyilang Kanan | Purata    |              |                              |            |                    |        |                |                            |            |
| 1      | Bering Daripada | 87 00 00        | 2         | 87 58 30     | 1                            | H          | 30.823             | 30.    |                |                            |            |
| 2      | pc Bering       | M.t 58 30       | pk.B      | BKL          |                              |            |                    |        |                |                            |            |
| 1      | 87 00 00        | 267 00 00       | 258 35 15 | 2            | 259 33 45                    | 3          | H                  | 72.809 | 72.8           |                            |            |
| 2      |                 | M.t 58 30       |           |              |                              |            | 72.809             |        |                |                            |            |
| 3      | 258 35 15       | 78 35 15        |           |              |                              |            |                    |        |                |                            |            |
|        | pk.B            |                 |           |              |                              |            |                    |        |                |                            |            |
| 1      | Seperti Di Atas | 273 13 39       | 2         | 274 12 09    | 4                            | H          | 11.697             | 11.6   |                |                            |            |
| 2      |                 | M.t 58 30       |           |              |                              |            |                    |        |                |                            |            |
| 4      | 273 13 39       | 93 13 39        |           |              |                              |            |                    |        |                |                            |            |
|        | PL              |                 |           |              |                              |            |                    |        |                |                            |            |
| 1      | Seperti Di Atas | 322 08 03       | 2         | 322 06 33    | 5                            | H          | 28.926             | 28.    |                |                            |            |
| 2      |                 | M.t 58 30       |           |              |                              |            |                    |        |                |                            |            |
| 5      | 321 08 03       | 171 08 03       |           |              |                              |            |                    |        |                |                            |            |
|        | PL              |                 |           |              |                              |            |                    |        |                |                            |            |
| 2      | 78 35 15        | 258 35 15       | 268 51 42 | 3            | 269 50 12                    | 6          | H                  | 18.332 | 18.c           |                            |            |
| 3      |                 | M.t 58 30       |           |              |                              |            |                    |        |                |                            |            |
| 6      | 268 51 42       | 88 51 42        |           |              |                              |            |                    |        |                |                            |            |
|        | BKL             |                 |           |              |                              |            |                    |        |                |                            |            |
| 2      | Seperti Di Atas | 48 21 59        | 3         | 49 20 29     | 7                            | H          | 133.909            | 133.   |                |                            |            |
| 3      |                 | M.t 58 30       |           |              |                              |            | 133.908            |        |                |                            |            |
| 7      | 48 21 59        | 228 21 59       |           |              |                              |            |                    |        |                |                            |            |
|        | pk.B            |                 |           |              |                              |            |                    |        |                |                            |            |
| 3      | 228 21 59       | 48 21 59        | 169 01 33 | 7            | 165 00 33                    | 8          | H                  | 8.859  | 8.8            |                            |            |
| 7      |                 | M.t 58 30       |           |              |                              |            |                    |        |                |                            |            |
| 8      | 169 01 33       | 349 01 33       |           |              |                              |            |                    |        |                |                            |            |
|        | PL (Lot 2872)   |                 |           |              |                              |            |                    |        |                |                            |            |



[illegible]

[illegible]

No. Fail .....

Rajah di muka .....

| Stesen | Penyilang | BEARING / SUDUT | Purata | Dari Stn. | GARISAN Bearing Muktamat | Ke Stn. | Sudut Pukak ( $\pm$ ) | Jarak | Suhu | Jarak Antara Tupang | Jarak Mi |
|--------|-----------|-----------------|--------|-----------|--------------------------|---------|-----------------------|-------|------|---------------------|----------|
|--------|-----------|-----------------|--------|-----------|--------------------------|---------|-----------------------|-------|------|---------------------|----------|

DAERAH PETAKING.

MUKIM SUNGAI BUKIT

TANPA SKALA

19-20 179 55 52 159.027 N  
 179 58 00 159.003 PO  
 -----  
 -2 08' 10.029

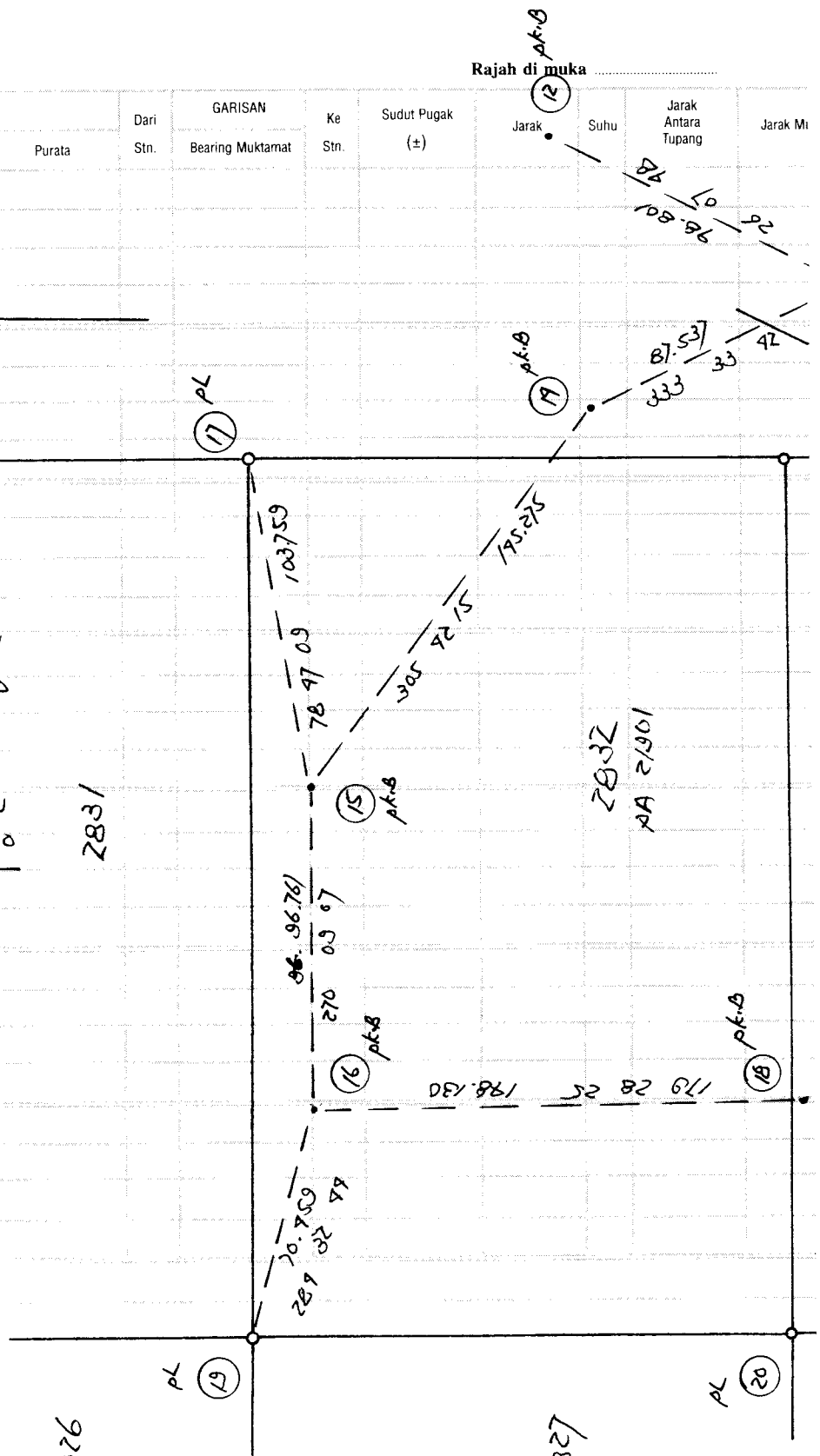
20-23 329 27 57 188.999 N  
 329 25 87 189.065 PO  
 -----  
 2 10' -0.071

20-21 111

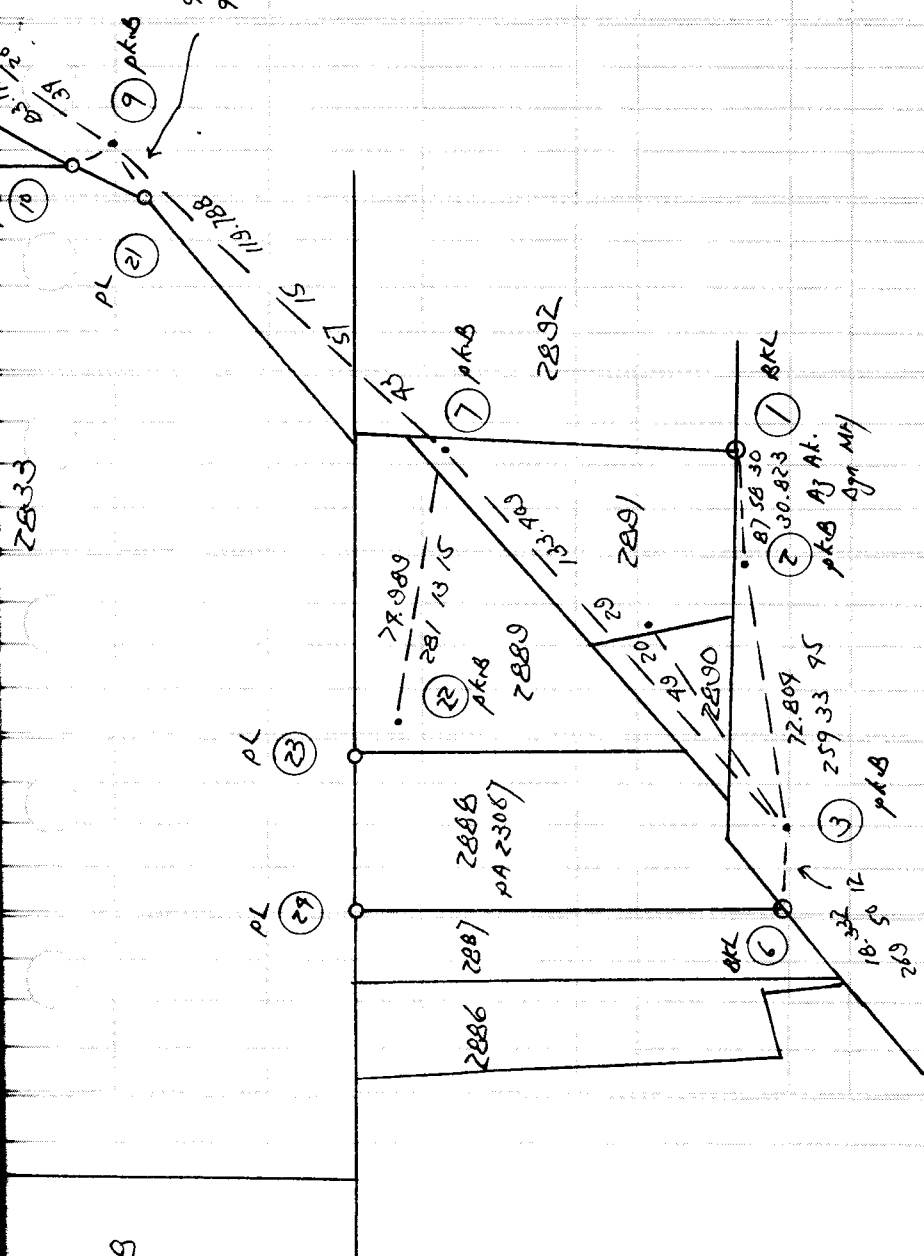
2831

2826

2827



13-708  
20-090

[illegible]

## CERAPAN MATAHARI BAGI AZIMUT 6/3/06.

Penilik Ros CHEE YONG Hari Isnin Tarikh          Bulan          Tahun         

Stesen          T.R.          B.K.          Ms.          Tiodolait (Jenis)          I Bah. Aras Ufuk - a         

Formula:

$$\text{Kosain AZIMUT} = \frac{\text{Kos P} - \text{Sain } \phi \text{ Sain } \alpha}{\text{Kos } \phi \text{ Kos } \alpha}$$

55628 Paya Jambak KEM.

$$\text{Pembetulan Aras} = \frac{2}{8} (\alpha R - \alpha L) \text{ tenjen } \alpha$$

| Waktu                   |   | Ufuk               |     |     | Gelem-bong |    | Pugak                             |     |                  | Tilikan ① | Bila waktu jam tangan tidak dalam lingkungan 3 minit daripada waktu piawai Hitung waktu umum. | W.U. = 12' + W.T.K. - G. |                    |  |    |  |    |  |     |  |    |  |    |  |
|-------------------------|---|--------------------|-----|-----|------------|----|-----------------------------------|-----|------------------|-----------|-----------------------------------------------------------------------------------------------|--------------------------|--------------------|--|----|--|----|--|-----|--|----|--|----|--|
| J                       | m | P.Ki               | T.R |     | Ki         | Ka |                                   |     |                  |           |                                                                                               | W.T.K.                   | +                  |  |    |  |    |  |     |  |    |  |    |  |
|                         |   |                    |     | 97  | 00         | 00 |                                   |     |                  |           |                                                                                               | 12                       |                    |  |    |  |    |  |     |  |    |  |    |  |
|                         |   |                    |     | 96  | 22         | 59 |                                   | 72  | 72               | 78        |                                                                                               |                          |                    |  |    |  |    |  |     |  |    |  |    |  |
|                         |   |                    |     | 95  | 79         | 32 |                                   | 72  | 37               | 09        |                                                                                               |                          |                    |  |    |  |    |  |     |  |    |  |    |  |
|                         |   | P.Ka               |     | 275 | 50         | 27 |                                   | 287 | 20               | 39        |                                                                                               |                          |                    |  |    |  |    |  |     |  |    |  |    |  |
|                         |   |                    |     | 276 | 25         | 05 |                                   | 287 | 37               | 57        |                                                                                               |                          |                    |  |    |  |    |  |     |  |    |  |    |  |
| Purata ①                |   | T.R                |     |     |            |    |                                   |     |                  |           |                                                                                               |                          |                    |  |    |  |    |  |     |  |    |  |    |  |
| J                       | m |                    |     |     |            |    |                                   |     |                  |           |                                                                                               |                          |                    |  |    |  |    |  |     |  |    |  |    |  |
| 838                     |   |                    |     |     |            |    |                                   | 17  | 27               | 12        |                                                                                               |                          |                    |  |    |  |    |  |     |  |    |  |    |  |
|                         |   | Purata Ke matahari |     | 96  | 07         | 00 |                                   |     | 2                | 28        |                                                                                               |                          |                    |  |    |  |    |  |     |  |    |  |    |  |
|                         |   | Purata Ke TR       |     |     |            |    |                                   | 17  | 28               | 38        |                                                                                               |                          |                    |  |    |  |    |  |     |  |    |  |    |  |
| J                       | m | P.Ki               | T.R |     |            |    |                                   |     |                  |           |                                                                                               |                          |                    |  |    |  |    |  |     |  |    |  |    |  |
|                         |   |                    |     | 96  | 29         | 06 |                                   | 71  | 70               | 08        |                                                                                               |                          |                    |  |    |  |    |  |     |  |    |  |    |  |
|                         |   |                    |     | 95  | 55         | 33 |                                   | 95  | 55               | 33        |                                                                                               |                          |                    |  |    |  |    |  |     |  |    |  |    |  |
|                         |   | P.Ka               |     | 275 | 53         | 70 |                                   | 275 | 58               | 75        |                                                                                               |                          |                    |  |    |  |    |  |     |  |    |  |    |  |
|                         |   |                    |     | 276 | 28         | 16 |                                   | 288 | 70               | 73        |                                                                                               |                          |                    |  |    |  |    |  |     |  |    |  |    |  |
| Purata ②                |   | T.R                |     |     |            |    |                                   |     |                  |           |                                                                                               |                          |                    |  |    |  |    |  |     |  |    |  |    |  |
| J                       | m |                    |     |     |            |    |                                   |     |                  |           |                                                                                               |                          |                    |  |    |  |    |  |     |  |    |  |    |  |
|                         |   |                    |     |     |            |    |                                   | 18  | 38               | 23        |                                                                                               |                          |                    |  |    |  |    |  |     |  |    |  |    |  |
|                         |   | Purata Ke matahari |     | 96  | 13         | 10 |                                   |     | 2                | 30        |                                                                                               |                          |                    |  |    |  |    |  |     |  |    |  |    |  |
|                         |   | Purata Ke TR       |     |     |            |    |                                   | 18  | 27               | 53        |                                                                                               |                          |                    |  |    |  |    |  |     |  |    |  |    |  |
| Kordinat Origin U/S     |   | 55361              |     |     | m          |    | Kordinat Origin X/B               |     | 27759            |           |                                                                                               | m                        |                    |  |    |  |    |  |     |  |    |  |    |  |
| Stesen U/S              |   | 2837               |     |     | m          |    | Stesen X/B                        |     | 18187            |           |                                                                                               | m                        |                    |  |    |  |    |  |     |  |    |  |    |  |
| Jumlah/Sel.             |   | U/S 53129          |     |     | m          |    | Jumlah/Sel.                       |     | T/B 3575         |           |                                                                                               | m                        |                    |  |    |  |    |  |     |  |    |  |    |  |
| Jumlah/Sel. x 0.03256 ± |   | -0.28              |     |     | 50         |    | Sel. G. Bujur =                   |     | Jum. x 0.03246 ± |           |                                                                                               | 1'58"                    |                    |  |    |  |    |  |     |  |    |  |    |  |
| G. Lintang Origin U     |   | 3                  |     |     | 70         |    | Sel. G. Bujur x Sain G. Lintang = |     |                  |           |                                                                                               |                          |                    |  |    |  |    |  |     |  |    |  |    |  |
| G. Lintang Stesen U     |   | 3                  |     |     | 11         |    | T (-) / B (+) Tirusan =           |     | 6"               |           |                                                                                               |                          |                    |  |    |  |    |  |     |  |    |  |    |  |
| Tilikan ②               |   |                    |     |     |            |    |                                   |     |                  |           | G. Lintang = 0                                                                                |                          |                    |  |    |  |    |  |     |  |    |  |    |  |
| Tilikan ②               |   |                    |     |     |            |    |                                   |     |                  |           | Tinjau dilaras = 0                                                                            |                          |                    |  |    |  |    |  |     |  |    |  |    |  |
| Tilikan ②               |   |                    |     |     |            |    |                                   |     |                  |           | Azimut Matahari yang dikira                                                                   |                          | 97                 |  | 05 |  | 38 |  | 97  |  | 11 |  |    |  |
| Tilikan ②               |   |                    |     |     |            |    |                                   |     |                  |           | Azimut (Purata ke matahari)                                                                   |                          |                    |  |    |  |    |  |     |  |    |  |    |  |
| Tilikan ②               |   |                    |     |     |            |    |                                   |     |                  |           | Selisih = Az - Tilikan                                                                        |                          | 58                 |  | 39 |  |    |  | 58  |  |    |  |    |  |
| Tilikan ②               |   |                    |     |     |            |    |                                   |     |                  |           | T.R yang ditilik (Purata ke TR)                                                               |                          |                    |  |    |  |    |  |     |  |    |  |    |  |
| Tilikan ②               |   |                    |     |     |            |    |                                   |     |                  |           | T.R. Sebenar (Sel + T.R. yang ditilik)                                                        |                          | 97                 |  | 58 |  | 39 |  | 97  |  | 58 |  |    |  |
| Tilikan ②               |   |                    |     |     |            |    |                                   |     |                  |           | Purata Tinjau                                                                                 |                          | Aras ±             |  |    |  |    |  |     |  |    |  |    |  |
| Tilikan ②               |   |                    |     |     |            |    |                                   |     |                  |           | Biasan & Bedalihat                                                                            |                          | Tirusan ±          |  |    |  |    |  |     |  |    |  |    |  |
| Tilikan ②               |   |                    |     |     |            |    |                                   |     |                  |           | Tinjau Dilaras                                                                                |                          | Bearing Gerid T.R. |  | 97 |  | 58 |  | 32  |  | 97 |  | 58 |  |
| Tilikan ②               |   |                    |     |     |            |    |                                   |     |                  |           | Purata Bg. Gerid T.R.                                                                         |                          |                    |  | 97 |  | 58 |  | 30. |  |    |  |    |  |
| Tilikan ②               |   |                    |     |     |            |    |                                   |     |                  |           | Ditilik oleh                                                                                  |                          |                    |  |    |  |    |  |     |  |    |  |    |  |
| Tilikan ②               |   |                    |     |     |            |    |                                   |     |                  |           | Dihitung oleh                                                                                 |                          |                    |  |    |  |    |  |     |  |    |  |    |  |
| Tilikan ②               |   |                    |     |     |            |    |                                   |     |                  |           | Tarikh                                                                                        |                          |                    |  |    |  |    |  |     |  |    |  |    |  |

P.Ki - Penyilang Kiri  
P.Ka - Penyilang Kanan

T.R. - Tanda Rujuk  
Sel - Selisih

W.U. - Waktu Umum  
W.T.K. - Waktu Tempatan Ketar.

Tarikh 556268 Rya Jans Fny  
 Aras

Daripada

Dibuat untuk 77

Ke

| Pandangan Belakang | Pandangan Antara | Pandangan Hadapan | Naik | Turun  | Aras Yang Dilaras | Jarak | Catitan                         |
|--------------------|------------------|-------------------|------|--------|-------------------|-------|---------------------------------|
| 0.751 (227)        |                  |                   |      | 25.291 |                   |       | 574 403                         |
| 0.671 (221)        |                  | 1.100 (364)       |      | 28.992 |                   |       | 574 412                         |
| 1.110 (368)        |                  | 1.781 (585)       |      | 23.832 |                   |       | 54                              |
| 1.346 (442)        |                  | 1.396 (442)       |      | 23.596 |                   |       | 574 411                         |
| 1.124 (368)        |                  | 2.129 (699)       |      | 22.813 |                   |       | 54                              |
| 1.451 (474)        |                  | 1.951 (576)       |      | 22.486 |                   |       | 574 419                         |
| 1.121 (368)        |                  | 1.834 (602)       |      | 22.103 |                   |       | 54                              |
| 1.099 (360)        |                  | 1.099 (360)       |      | 22.125 |                   |       | 574 41                          |
|                    |                  | 1.260 (420)       |      | 21.994 |                   |       | 784 43 (RC: 21.999m) 4069 49 69 |
| 8.670              |                  | 12.02             |      |        |                   |       | 84 80864                        |

Tarikh *10 May 1997* Aras

78

Daripada *554 268*

Dibuat untuk .....  
Ke .....

| Pandangan Belakang | Pandangan Antara | Pandangan Hadapan | Naik   | Turun  | Aras Yang Dilaras | Jarak | Catitan   |
|--------------------|------------------|-------------------|--------|--------|-------------------|-------|-----------|
| 1.685              | (5.53)           |                   |        | 23.276 |                   |       | STN 15    |
| 1.671              | (5.98)           | 1.654             | (5.83) | 23.367 |                   |       | STN 16    |
| 1.523              |                  | 1.523             | (5.06) | 23.455 |                   |       | 78M 15/   |
| 0.784              | (2.57)           | 1.567             | (5.19) | 23.911 |                   |       | CP1       |
| 1.818              |                  | 1.818             | (5.97) | 24.371 |                   |       | PL        |
| 0.673              |                  | 0.673             | (2.24) | 23.522 |                   |       | ST 78M 12 |
| 1.461              | (4.79)           | 0.802             | (2.65) | 23.387 |                   |       | STN 18    |
| 1.761              | (5.78)           | 1.533             | (5.03) | 23.315 |                   |       | PA        |
| 1.730              | (5.88)           | 1.391             | (4.40) | 23.735 |                   |       | CP        |
| 1.736              | (5.76)           | 1.518             | (4.98) | 23.987 |                   |       | STN 19    |
| 14.842             |                  | 0.791             | (2.43) | 24.982 |                   |       | STN 12    |
|                    |                  | 13.176            |        |        |                   |       |           |