

No. Fail SEL 288 Batu Tiga Tele kitchen.

Rajah di muka .....

[illegible]



**No. Fail** .....

Rajah di muka .....

| Stesen | BEARING / SUDUT |                 | Dari | GARISAN          | Ke   | Sudut Pukak | Jarak | Suhu | Jarak Antara | Jarak Muktamat |
|--------|-----------------|-----------------|------|------------------|------|-------------|-------|------|--------------|----------------|
|        | Penyilang Kiri  | Penyilang Kanan | Stn. | Bearing Muktamat | Stn. | (±)         |       |      | Tumpang      |                |
|        |                 |                 |      |                  |      |             |       |      |              |                |

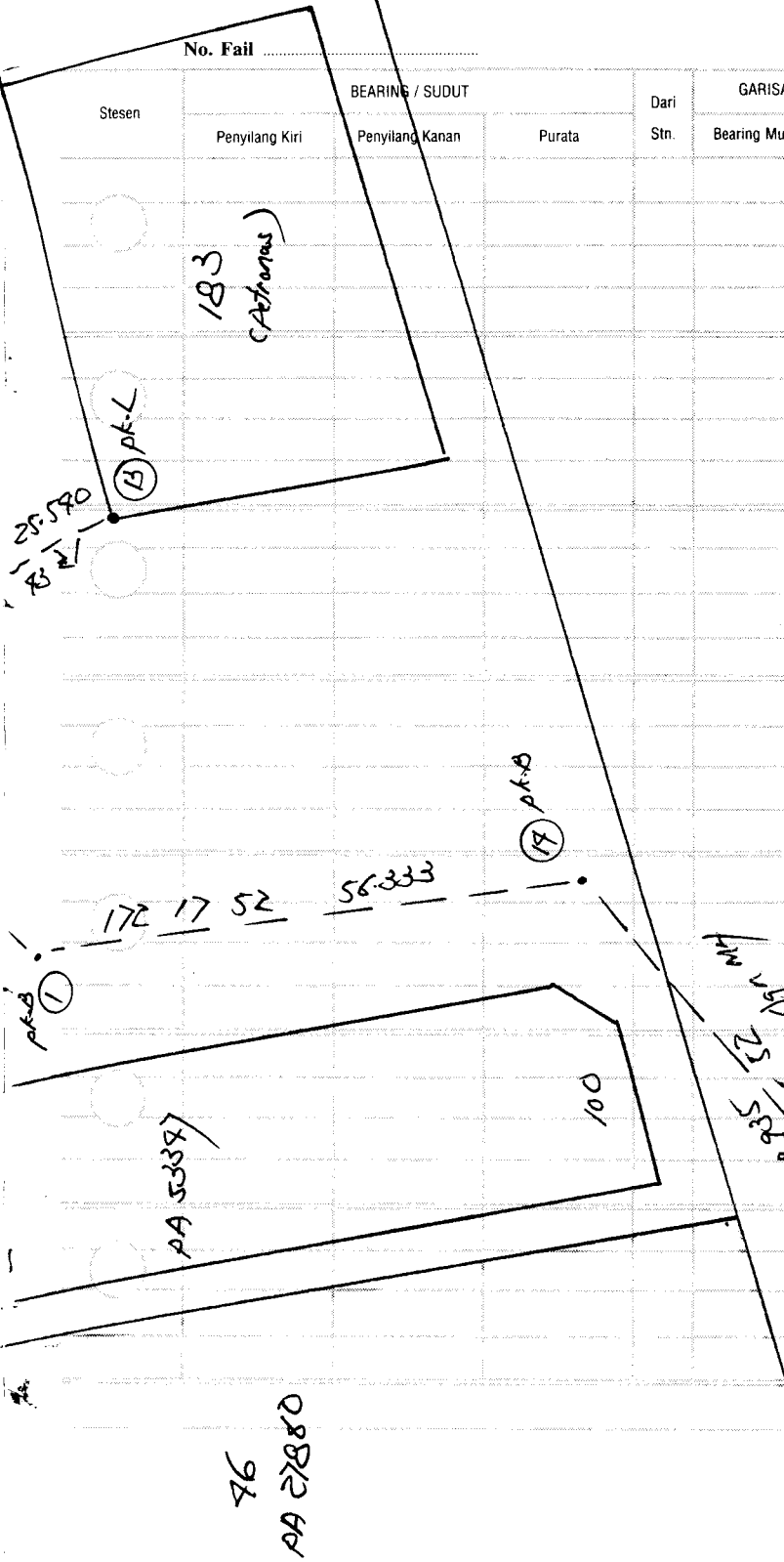
DAERAH DETAKNOG.  
PEKAY BATU TIGA  
SY7 92 D.  
TANDA STAKA.

161/83/3  
PA 5339  
9/8.369  
36/96.45 22  
163-166  
PA 5339  
142/27 10  
150/8.369  
194/48.48  
136/35  
12/8.369  
12/PA

TANDA STAKA  
PEKAY BATU TIGA

No. Fail .....

Rajah di muka .....



|      |           |           |
|------|-----------|-----------|
| 8-13 | 188 30 09 | 66.967 N  |
|      | 188 30 21 | 66.939 PO |
|      | 72        | 70.028    |
| 8-1  | 156 38 29 | 26.017 N  |
|      | 156 38 53 | 26.009 PO |
|      | 24        | 70.008    |

## CERAPAN MATAHARI BAGI AZIMUT

Penilik Roo Choo Yong Hari 25/1/07 Tarikh 25/1/07 Bulan Januari Tahun 2007

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

Formula:

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

$$\text{sec } 288 \text{ Bujur Tiga Rile Ketukan}$$

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

| Waktu                   |            | Ufuk |                                                                           |       | Gelem-bong |                      | Pugak |     |    | Tilkan ① | Bila waktu jam tangan tidak dalam lingkungan 3 minit daripada waktu piawai Hitung waktu umum. |                                        |     | W.U. - 12 <sup>J</sup> + W.T.K. - G. Bujur - E |                 |  |
|-------------------------|------------|------|---------------------------------------------------------------------------|-------|------------|----------------------|-------|-----|----|----------|-----------------------------------------------------------------------------------------------|----------------------------------------|-----|------------------------------------------------|-----------------|--|
| J                       | m          | P.Ki | T.R                                                                       |       | Ki         | Ka                   |       |     |    |          |                                                                                               |                                        |     | 12 <sup>J</sup>                                | 00 <sup>m</sup> |  |
|                         |            |      |                                                                           | 98    | 32         | 17                   |       |     |    |          |                                                                                               |                                        |     |                                                |                 |  |
|                         |            |      |                                                                           | 111   | 72         | 26                   |       | 72  | 21 | 87       |                                                                                               |                                        |     |                                                |                 |  |
|                         |            |      |                                                                           | 111   | 09         | 19                   |       | 72  | 15 | 86       |                                                                                               |                                        |     |                                                |                 |  |
|                         |            | P.Ka |                                                                           | 291   | 10         | 37                   |       | 287 | 52 | 27       |                                                                                               |                                        |     |                                                |                 |  |
|                         |            |      |                                                                           | 291   | 75         | 37                   |       | 287 | 50 | 37       |                                                                                               |                                        |     |                                                |                 |  |
| Purata ①                |            | T.R. |                                                                           |       |            |                      |       |     |    |          |                                                                                               |                                        |     |                                                |                 |  |
| J                       | m          |      |                                                                           |       |            |                      |       |     |    |          |                                                                                               |                                        |     |                                                |                 |  |
| 878                     |            |      |                                                                           |       |            |                      |       | 17  | 77 | 52       | Purata Tinjau                                                                                 | Selisih ± -37                          |     | 30                                             | 31              |  |
|                         |            |      |                                                                           |       |            |                      |       | 2   | 35 |          | Biasan & Bedalihat                                                                            | Sudutistiwa pada waktu penilikan U/S   | 19  | 06                                             | 01              |  |
|                         |            |      |                                                                           |       |            |                      |       | 17  | 75 | 17       | Tinjau Dilaras                                                                                | Jarak kutub - P                        |     |                                                |                 |  |
| J                       | m          | P.Ki | T.R                                                                       |       |            |                      |       |     |    |          |                                                                                               | G. Lintang - 0                         |     |                                                |                 |  |
|                         |            |      |                                                                           | 111   | 77         | 07                   |       | 71  | 56 | 07       |                                                                                               | Tinjau dilaras - 0                     |     |                                                |                 |  |
|                         |            |      |                                                                           | 111   | 13         | 06                   |       | 71  | 52 | 00       |                                                                                               | Azimuth Matahari yang dikira           | 111 | 10                                             | 77              |  |
|                         |            | P.Ka |                                                                           | 291   | 17         | 75                   |       | 288 | 17 | 78       |                                                                                               | Azimuth (Purata ke matahari)           |     |                                                |                 |  |
|                         |            |      |                                                                           | 291   | 50         | 08                   |       | 288 | 20 | 07       |                                                                                               | Selisih - Az - Tilikan                 | -   | 16                                             | 12              |  |
| Purata ②                |            | T.R. |                                                                           |       |            |                      |       |     |    |          |                                                                                               | T.R. yang ditilik (Purata ke TR)       |     |                                                |                 |  |
| J                       | m          |      |                                                                           |       |            |                      |       |     |    |          |                                                                                               | T.R. Sebenar (Sel + T.R. yang ditilik) | 78  | 16                                             | 05              |  |
|                         |            |      |                                                                           |       |            |                      |       | 18  | 11 | 71       | Purata Tinjau                                                                                 | Aras ±                                 |     |                                                |                 |  |
|                         |            |      |                                                                           |       |            |                      |       | 2   | 32 |          | Biasan & Bedalihat                                                                            | Tirisan ±                              |     |                                                |                 |  |
|                         |            |      |                                                                           |       |            |                      |       | 18  | 09 | 09       | Tinjau Dilaras                                                                                | Bearing Gerid T.R.                     | 78  | 15                                             | 55              |  |
| Kordinat Origin U/S     | 55861      | m    | Kordinat Origin A/B                                                       | 21759 | m          | Purata Bg Gerid T.R. | 78    | 15  | 52 |          |                                                                                               |                                        |     |                                                |                 |  |
| Stesen A/S              | 10185      | m    | Stesen A/B                                                                | 16010 | m          |                      |       |     |    |          |                                                                                               |                                        |     |                                                |                 |  |
| Jumlah/Sel.             | 66776      | m    | Jumlah/Sel.                                                               | 5789  | m          |                      |       |     |    |          |                                                                                               |                                        |     |                                                |                 |  |
| Jumlah/Sel. × 0.03256 ± | 0° 36' 17" |      | Sel. G. Bujur - $\frac{\text{Jum. Sel.}}{\text{Sel.}} \times 0.03246 \pm$ | 367"  |            |                      |       |     |    |          |                                                                                               |                                        |     |                                                |                 |  |
| G. Lintang Origin U     | 3          | 80   | 89                                                                        |       |            |                      |       |     |    |          |                                                                                               |                                        |     |                                                |                 |  |
| G. Lintang Stesen U     | 3          | 07   | 35                                                                        |       |            |                      |       |     |    |          |                                                                                               |                                        |     |                                                |                 |  |
|                         |            |      |                                                                           |       |            |                      |       |     |    |          |                                                                                               |                                        |     |                                                |                 |  |

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

T.R. - Tanda Rujuk  
Sel - Selisih

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