



LABORATORIUM PENGUJIAN TEKNIK SIPIL  
UNIVERSITAS BANDAR LAMPUNG

Jl. Z.A. Pagar Alam No.89 (S.M. BDI-MT UBL) Lela, Kota Bandar Lampung

No. Formuler : FT/LPTS 7 & TN 01

Terbitan Revisi : 20

Tanggal Terbit : 22 Jan 2020

Tanggal Revisi : -

**PENGUJIAN PENYELIDIKAN TANAH DENGAN ALAT SONDIR**  
**SNI 2827:2008**

Identifikasi :  
Pengujian :  
No. Titik :  
Lokasi :  
Kabupaten :

Diuji Oleh :  
Diperiksa Oleh :  
Tanggal :  
Elevasi :

Luas Penampang Piston ( $A_p$ ) : 10 cm<sup>2</sup>

Luas Penampang Konus ( $A_k$ ) : 10 cm<sup>2</sup>

Luas Selimut Gezer ( $A_s$ ) : 150 cm<sup>2</sup>

| Kedalaman<br>Muka Tanah<br>(m) | $C_u$<br>kg/cm <sup>2</sup> | $T_w$<br>kg/cm <sup>2</sup> | Kedalaman<br>Muka Tanah<br>(m) | $C_u$<br>kg/cm <sup>2</sup> | $T_w$<br>kg/cm <sup>2</sup> | Kedalaman<br>Muka Tanah<br>(m) | $C_u$<br>kg/cm <sup>2</sup> | $T_w$<br>kg/cm <sup>2</sup> | Kedalaman<br>Muka Tanah<br>(m) | $C_u$<br>kg/cm <sup>2</sup> | $T_w$<br>kg/cm <sup>2</sup> | Kedalaman<br>Muka Tanah<br>(m) | $C_u$<br>kg/cm <sup>2</sup> | $T_w$<br>kg/cm <sup>2</sup> |
|--------------------------------|-----------------------------|-----------------------------|--------------------------------|-----------------------------|-----------------------------|--------------------------------|-----------------------------|-----------------------------|--------------------------------|-----------------------------|-----------------------------|--------------------------------|-----------------------------|-----------------------------|
| 0                              | 0                           | 0                           | 0                              | 0                           | 0                           | 0                              | 0                           | 0                           | 0                              | 0                           | 0                           | 0                              | 0                           | 0                           |
| 0,20                           |                             |                             | 6,20                           |                             |                             | 12,20                          |                             |                             | 18,20                          |                             |                             | 24,20                          |                             |                             |
| 0,40                           |                             |                             | 6,40                           |                             |                             | 12,40                          |                             |                             | 18,40                          |                             |                             | 24,40                          |                             |                             |
| 0,60                           |                             |                             | 6,60                           |                             |                             | 12,60                          |                             |                             | 18,60                          |                             |                             | 24,60                          |                             |                             |
| 0,80                           |                             |                             | 6,80                           |                             |                             | 12,80                          |                             |                             | 18,80                          |                             |                             | 24,80                          |                             |                             |
| 1,00                           |                             |                             | 7,00                           |                             |                             | 13,00                          |                             |                             | 19,00                          |                             |                             | 25,00                          |                             |                             |
| 1,20                           |                             |                             | 7,20                           |                             |                             | 13,20                          |                             |                             | 19,20                          |                             |                             | 25,20                          |                             |                             |
| 1,40                           |                             |                             | 7,40                           |                             |                             | 13,40                          |                             |                             | 19,40                          |                             |                             | 25,40                          |                             |                             |
| 1,60                           |                             |                             | 7,60                           |                             |                             | 13,60                          |                             |                             | 19,60                          |                             |                             | 25,60                          |                             |                             |
| 1,80                           |                             |                             | 7,80                           |                             |                             | 13,80                          |                             |                             | 19,80                          |                             |                             | 25,80                          |                             |                             |
| 2,00                           |                             |                             | 8,00                           |                             |                             | 14,00                          |                             |                             | 20,00                          |                             |                             | 26,00                          |                             |                             |
| 2,20                           |                             |                             | 8,20                           |                             |                             | 14,20                          |                             |                             | 20,20                          |                             |                             | 26,20                          |                             |                             |
| 2,40                           |                             |                             | 8,40                           |                             |                             | 14,40                          |                             |                             | 20,40                          |                             |                             | 26,40                          |                             |                             |
| 2,60                           |                             |                             | 8,60                           |                             |                             | 14,60                          |                             |                             | 20,60                          |                             |                             | 26,60                          |                             |                             |
| 2,80                           |                             |                             | 8,80                           |                             |                             | 14,80                          |                             |                             | 20,80                          |                             |                             | 26,80                          |                             |                             |
| 3,00                           |                             |                             | 9,00                           |                             |                             | 15,00                          |                             |                             | 21,00                          |                             |                             | 27,00                          |                             |                             |
| 3,20                           |                             |                             | 9,20                           |                             |                             | 15,20                          |                             |                             | 21,20                          |                             |                             | 27,20                          |                             |                             |
| 3,40                           |                             |                             | 9,40                           |                             |                             | 15,40                          |                             |                             | 21,40                          |                             |                             | 27,40                          |                             |                             |
| 3,60                           |                             |                             | 9,60                           |                             |                             | 15,60                          |                             |                             | 21,60                          |                             |                             | 27,60                          |                             |                             |
| 3,80                           |                             |                             | 9,80                           |                             |                             | 15,80                          |                             |                             | 21,80                          |                             |                             | 27,80                          |                             |                             |
| 4,00                           |                             |                             | 10,00                          |                             |                             | 16,00                          |                             |                             | 22,00                          |                             |                             | 28,00                          |                             |                             |
| 4,20                           |                             |                             | 10,20                          |                             |                             | 16,20                          |                             |                             | 22,20                          |                             |                             | 28,20                          |                             |                             |
| 4,40                           |                             |                             | 10,40                          |                             |                             | 16,40                          |                             |                             | 22,40                          |                             |                             | 28,40                          |                             |                             |
| 4,60                           |                             |                             | 10,60                          |                             |                             | 16,60                          |                             |                             | 22,60                          |                             |                             | 28,60                          |                             |                             |
| 4,80                           |                             |                             | 10,80                          |                             |                             | 16,80                          |                             |                             | 22,80                          |                             |                             | 28,80                          |                             |                             |
| 5,00                           |                             |                             | 11,00                          |                             |                             | 17,00                          |                             |                             | 23,00                          |                             |                             | 29,00                          |                             |                             |
| 5,20                           |                             |                             | 11,20                          |                             |                             | 17,20                          |                             |                             | 23,20                          |                             |                             | 29,20                          |                             |                             |
| 5,40                           |                             |                             | 11,40                          |                             |                             | 17,40                          |                             |                             | 23,40                          |                             |                             | 29,40                          |                             |                             |
| 5,60                           |                             |                             | 11,60                          |                             |                             | 17,60                          |                             |                             | 23,60                          |                             |                             | 29,60                          |                             |                             |
| 5,80                           |                             |                             | 11,80                          |                             |                             | 17,80                          |                             |                             | 23,80                          |                             |                             | 29,80                          |                             |                             |
| 6,00                           |                             |                             | 12,00                          |                             |                             | 18,00                          |                             |                             | 24,00                          |                             |                             | 30,00                          |                             |                             |

Diuji Oleh

Diperiksa Oleh