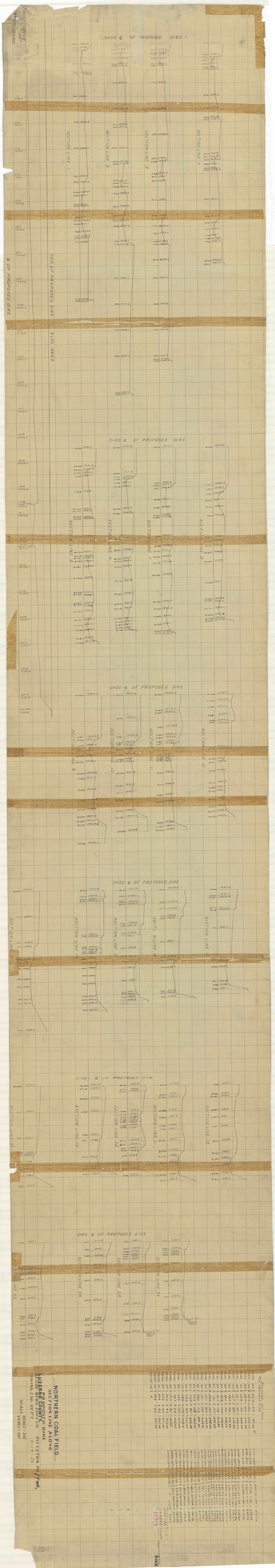

..500' ABOVE 'TIDE' DATUM; 1040.00
..0+00 ℄ OF PROPOSED DIKE..
0+00 ℄ OF PROPOSED DIKE
TOP OF PROPOSED DIKE ELEV. 1065.0
℄ OF PROPOSED DIKE
SECTION LINE 1
SECTION LINE 2
SECTION LINE 3
SECTION LINE 4
SECTION LINE 5
SECTION LINE 6
SECTION LINE 7
SECTION LINE 8
SECTION LINE 9
SECTION LINE 10
SECTION LINE 11
SECTION LINE 12
SECTION LINE 13
SECTION LINE 14
SECTION LINE 15
SECTI N LINE 16
SECTION LINE 17
SECTION LINE 18
SECTION LINE 19
SECTION LINE 20
SECTION LINE 21
SECTION LINE 22
SECTION LINE 23
SECTION LINE 24
SECTION LINE 25
SECTION LINE 26
STONE WALL
STONE WALL

ESTIMATE OF FILL
FOR PROPOSE DIKE

0+00 25 ± 42.4 x 5.8 = 195.46 □'
1+00 25 ± 67.0 x 14.0 = 644.00
2+00 25 ± 68.5 x 14.5 = 677.88
3+00 25 ± 65.2 x 13.4 = 604.00
4+00 25 ± 66.1 x 13.7 = 624.04
5+00 25 ± 66.7 x 13.9 = 637.32
6+00 25 ± 64.6 x 13.2 = 591.36
7+00 25 ± 64.0 x 13.0 = 578.50
8+00 25 ± 62.2 x 12.4 = 540.64
9+00 25 ± 60.4 x 11.8 = 503.86
10+00 25 ± 60.1 x 11.7 = 497.84
11+00 25 ± 56.8 x 10.5 = 429.34
12+00 25 ± 57.1 x 10.8 = 443.34
13+00 25 ± 57.1 x 10.8 = 443.34
14+00 25 ± 59.8 x 11.6 = 491.84
15+00 25 ± 57.4 x 10.8 = 444.96
16+00 25 ± 53.5 x 9.5 = 372.88
17+00 25 ± 53.2 x 9.4 = 367.54
18+00 25 ± 58.6 x 11.2 = 468.16
19+00 25 ± 65.8 x 13.6 = 617.44
20+00 25 ± 58.3 x 11.2 = 466.48
21+00 25 ± 55.3 x 10.1 = 405.51
22+00 25 ± 52.6 x 9.3 = 360.84
23+00 25 ± 55.6 x 10.2 = 411.06
24+00 25 ± 50.8 x 8.6 = 325.94
25+00 25 ± 50.8 x 8.6 = 325.94
25+57 25 ± 0

0+00-1+00 - 195.46 ± 644.00 x 100 = 41973.
1+00-2+00 - 644.00 ± 677.88 x 100 = 66094.
2+00-3+00 - 677.88 ± 604.00 x 100 = 64094.
3+00-4+00 - 604.00 ± 624.04 x 100 = 61402.
4+00-5+00 - 624.04 ± 637.32 x 100 = 63068.
5+00-6+00 - 637.32 ± 591.36 x 100 = 61434.
6+00-7+00 - 591.36 ± 578.50 x 100 = 58493.
7+00-8+00 - 578.50 ± 540.64 x 100 = 55957.
8+00-9+00 - 540.64 ± 503.86 x 100 = 52225.
9+00-10+00 - 503.86 ± 497.84 x 100 = 50085.
10+00-11+00 - 497.84 ± 429.45 x 100 = 46365.
11+00-12+00 - 429.45 ± 443.34 x 100 = 43640.
12+00-13+00 - 443.34 ± 443.34 x 100 = 44334.
13+00-14+00 - 443.34 ± 491.84 x 100 = 46759.
14+00-15+00 - 491.84 ± 444.96 x 100 = 46840.
15+00-16+00 - 444.96 ± 372.88 x 100 = 40892.
16+00-17+00 - 372.88 ± 567.54 x 100 = 37021.
17+00-18+00 - 567.54 ± 468.16 x 100 = 41785.
18+00-19+00 - 468.16 ± 617.44 x 100 = 54280.
19+00-20+00 - 417.44 ± 466.48 x 100 = 54196.
20+00-21+00 - 466.48 ± 405.51 x 100 = 43600.
21+00-22+00 - 405.51 ± 360.84 x 100 = 38318.
22+00-23+00 - 360.84 ± 411.06 x 100 = 38595.
23+00-24+00 - 411.06 ± 325.94 x 100 = 36850.
24+00-25+00 - 325.94 ± 325.94 x 100 = 32594.
25+00-25+57 - 325.94 ± 0 x 0.57 = 9289.

1,230,182. Cu.ft.
45,562. Cu.Yds
16452 " " Repairing old
62,014 " "

DIKE

...NORTHERN COAL FIELD...
SECTION LINE ALONG
PROPOSED DIKE
LUZERNE COUNTY, PITTSTON PA / TWP,
KEHOE-BERG COAL CO.
MINING ENG. DEP'T 9-14-36
SCALE HORI 1" = 50'
VERI 1" = 10'