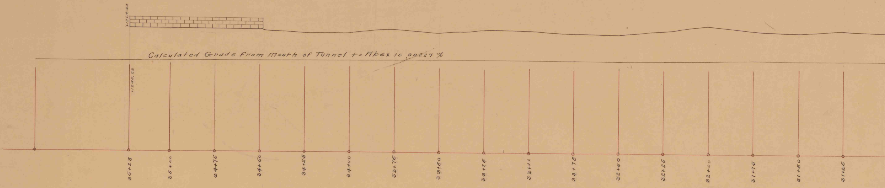
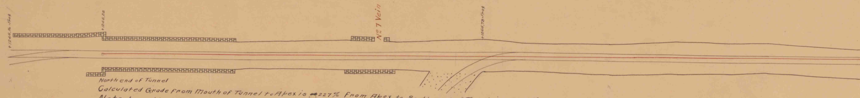

+1264.43
Calculated Grade From Mouth of Tunnel to Apex is .00227 %
+1255.23
35+23
35+00
34+75
34+50
34+25
34+00
33+75
33+50
33+25
33+00
33+75
32+50
32+25
32+00
31+75
31+50
31+25


+1265.16 -1 ft. o+
+1255.23
No. 7 Vein
+1265.73 -1 ft. o+
North end of Tunnel

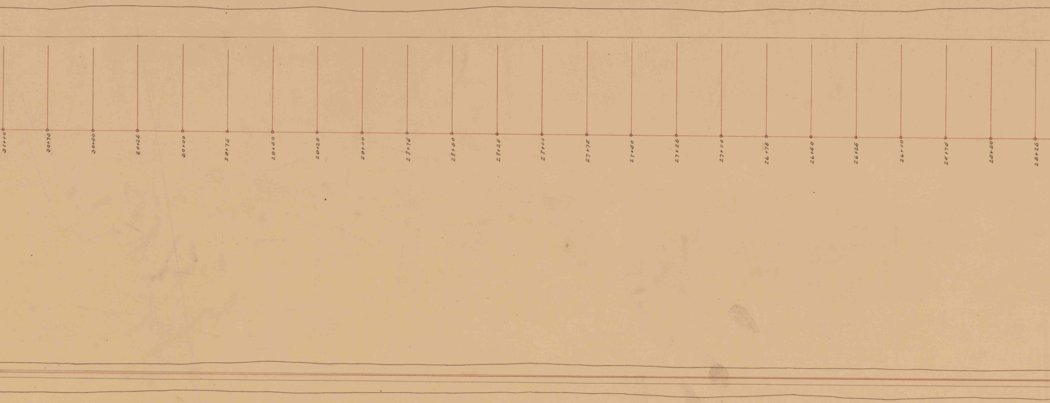
Calculated Grade From Mouth of Tunnel to Apex is .227% From Apex to South end of Tunnel is .164%

Note-Length of Tunnel From Mouth to Mouth is 3523 ft.

Length of Tunnel from South End of Tunnel to Apex 2250 ft.
" " " " North " " " " " 1273 ft.

Elevation of Rail South End of Tunnel +1254.42
" " " " North " " " +1255.23
" " " " at Apex ——— +1258.11

Profile of Williamstown Colliery (4472)
Dauphin County
Williams Township
Cross Section
Southern Coal Field
1"=20' Horizontal,
1"=10' Vertical


31+00
30+75
30+50
30+25
30+00
29+75
29+50
29+25
29+00
28+75
28+50
28+25
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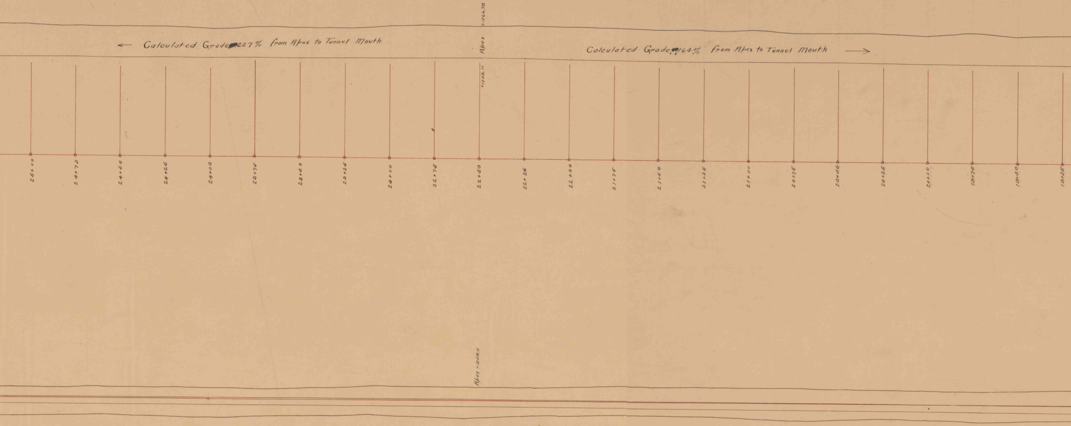
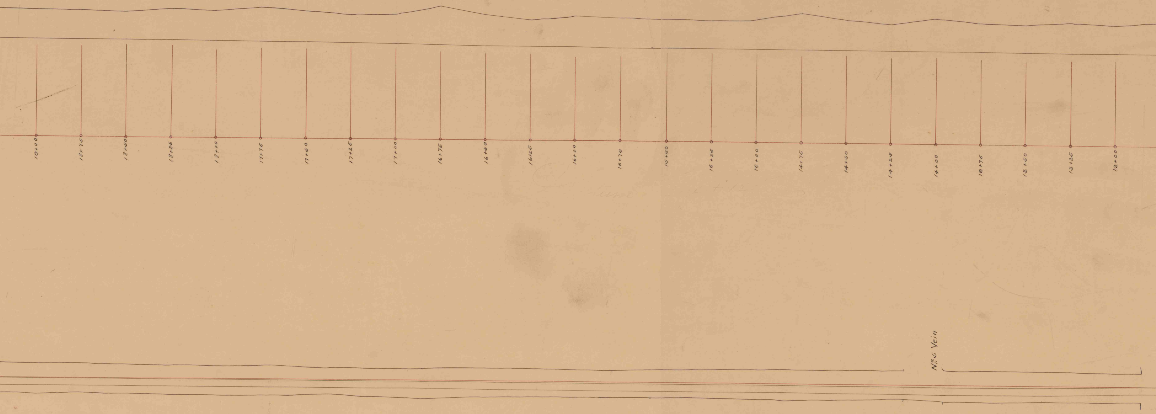
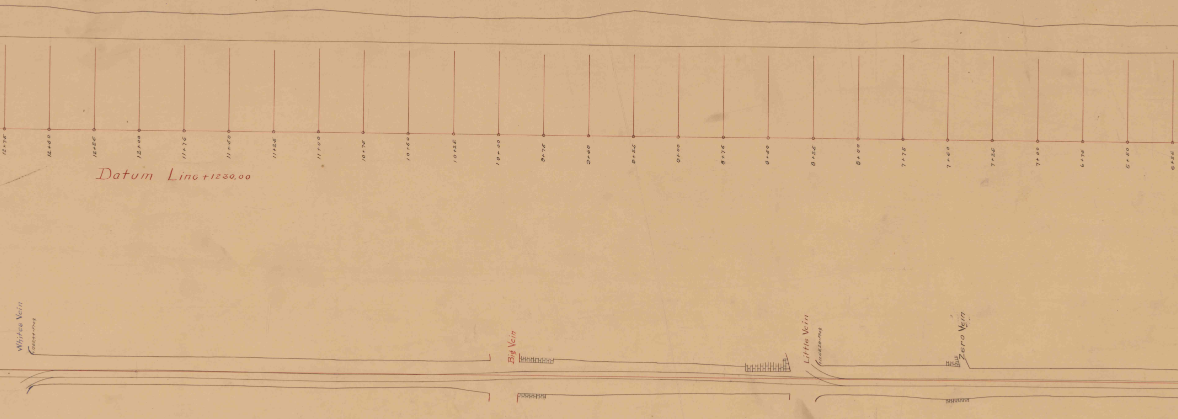
26+00
25+75
25+50
25+25

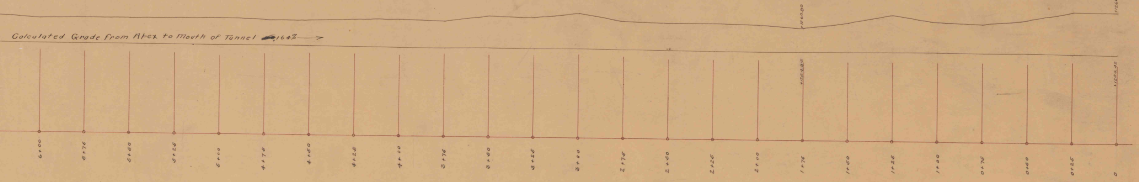

+1266.78
← Calculated Grade 227% from Apex to Tunnel Mouth
Apex
Calculated Grade .164% from Apex to Tunnel Mouth →
+1258.11
25+00
24+75
24+50
24+25
24+00
23+75
23+50
23+25
23+00
22+75
22+50
22+26
22+00
21+75
21+50
21+25
21+00
20+75
20+50
20+25
20+00
19+75
19+50
19+25
Apex +1258.11


19+00
18+75
18+50
18+25
18+00
17+75
17+50
17+25
17+00
16+75
16+50
16+25
16+00
15+75
15+50
15+25
15+00
14+75
14+50
14+25
14+00
13+75
13+50
13+25
13+00
No. 5 Vein


12+75
12+50
12+25
12+00
11+75
11+50
11+25
11+00
10+75
10+50
10+25
10+00
9+75
9+50
9+25
9+00
8+75
8+50
8+25
8+00
7+75
7+50
7+25
7+00
6+75
6+50
6+25
Datum Line +1230.00
Whites Vein
+1265.44-Frog
Big Vein
Little Vein
+1255.20-Frog
Zero Vein

Profile of William

Lykens Pa. Nov. 28-'05


Calculated Grade from Apex to Mouth of Tunnel .164% →
+1260.90
+1266.34
+1254.35
+1254.42
6+00
5+75
5+50
5+25
5+00
4+75
4+50
4+25
4+00
3+75
3+50
3+25
3+00
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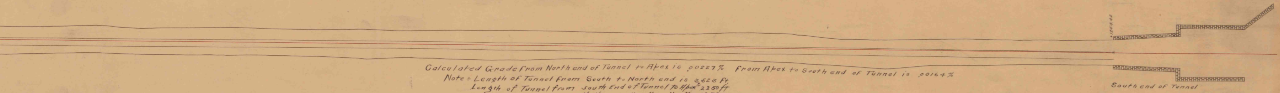
1+00
0+75
0+50
0+25
0


+1254.42
South end of Tunnel

Calculated Grade from North end of Tunnel to Apex is .00227% from Apex to South end of Tunnel is .00164%

Note – Length of Tunnel from South to North end is 3,523 ft.
Length of Tunnel from South End of Tunnel to Apex 2250 ft
" " " " North " " " " " 1273 "

Elevation of Rail South End of Tunnel +1254.42
" " " " North " " " +1255.23
" " " " at Apex ———— +1258.11
Course of Line N 1°17' W BK. 91 P. 76.
Level – See Level Vol. 86 Pages 66 to 74.

stown Tunnel

Scale Hor. 20' = 1"
Vert. 10' = 1"