

LUCKYHUTE BRIDGE TRANSPECT 10/26/04

Depth Measurements at 5 M intervals

0 M	4.3 ft
5 M	10.6 ft
10 M	12.9 ft
15 M	12.9 ft
20 M	15.3 ft
25 M	18.3 ft
30 M	22.5 ft
35 M	34.4 ft
40 M	42.5 ft
45 M	39.7 ft
50 M	40.3 ft
55 M	42.3 ft
60 M	38.0 ft
65 M	25.6 ft
70 M	20.4 ft
75 M	19.5 ft
80 M	19.6 ft
85 M	14.9 ft
90 M	7.9 ft
95 M	5.9 ft
100 M	

Elevation of bridge on
 S. End = 209 ft
 N. End = 213 ft

South

North

127

Helmick Park Bridge

STREAM
TRANSECT

10/26/04
Geomorphology
Helmick Park
Stream Team

1/2 m depth & counts from

79 ft ← NORTH BANK → SOUTH BANK

STATION	m	24m	22m	20m	18m	16m	14m	12m	10m	8m	6m	4m	2m	0 m
surface from bridge	0	36.6	36.8	36.6	36.3	35.5	36	36	36	36.1	36.1	36	35.7ft	surface
depth	0	40.6	41	40.8	41.5	43	44.7	46.2	40.4	41	47	40ft	depth	
sec/5m	0	10.4	11.1	7.2	7.2	7.69	8.13	11.10	21.75	∅	∅	20 sec	every 5m	

$n = \text{Roughness} = 0.075$
VALLEY BOTTOM

Stuck in rddy
no movement