

DEEP TEST HOLE EVALUATION - May 24, 2021
Northeast District Department of Health

TEST PIT	DEPTH	PROFILE
TP R1	0" - 22"	Topsoil
	22" - 32"	Red/Brown Fine Sandy Loam
	32" - 70"	Tan Sand & Gravel
	Ground Water	N/A
	Mottling	N/A
TP B1	0" - 2"	Topsoil
	2" - 52"	Tan/White Fine Sand
	52" - 83"	Tan Medium Coarse Sand & Small Gravel
	Ground Water	N/A
	Mottling	N/A
	Ledge	N/A

PERCOLATION TEST DATA - May 24, 2021
Performed by: Northeast District Department of Health

HOLE	TIME	READING
B	11:33	7"
	11:35	12"
	11:37	13 3/4"
	11:39	15 1/2"
	11:41	17 1/2"
	11:43	19"
	Depth	23"
Minimum Percolation Rate = 1.3 min/inch		

LOT #20
CODE COMPLYING SEPTIC AREA

BASIS OF SANITARY DESIGN

Percolation Rate	=	6.6 min. / in.
3 bedroom house requires	=	495 s.f. effective leaching area
Effective Leaching area	=	3 s.f. / l.f. of trench
Length Required	=	$495/3 = 165$ l.f.
Length Provided	=	4 (42) = 168 l.f.
Min. Leaching system Spread (MLSS)	=	Does not apply
MLSS Provided	=	84'

LEACHING FIELD

4 Trenched @ 42 l.f. each
Maximum depth into existing grade = 70"

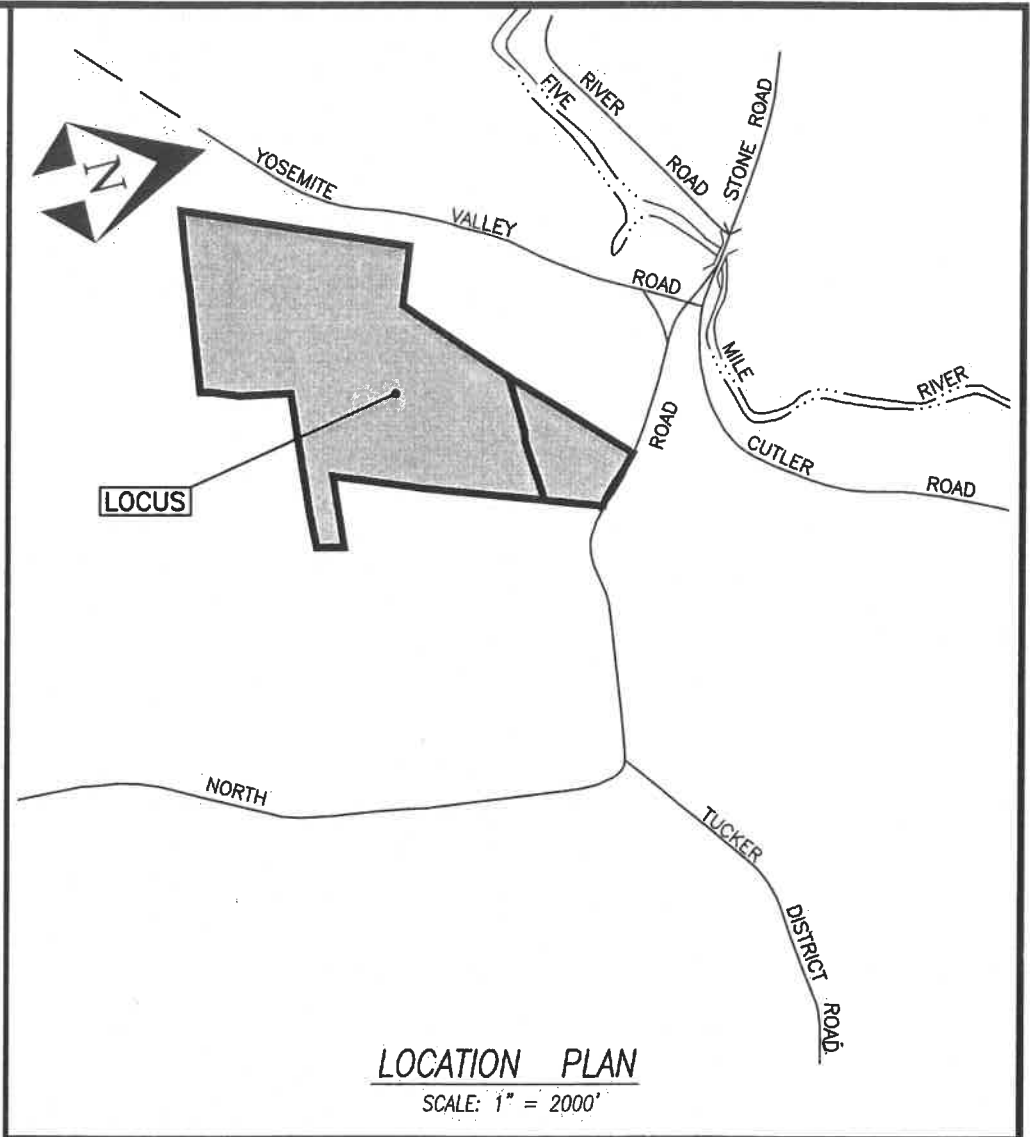
PROPOSED LOT #20-3
CODE COMPLYING SEPTIC AREA

BASIS OF SANITARY DESIGN

Percolation Rate	=	1.3 min. / in.
3 bedroom house requires	=	495 s.f. effective leaching area
Effective Leaching area	=	3 s.f. / l.f. of trench
Length Required	=	$495/3 = 165$ l.f.
Length Provided	=	4 (42) = 168 l.f.
Min. Leaching system Spread (MLSS)	=	Does not apply
MLSS Provided	=	84'

LEACHING FIELD

4 Trenched @ 42 l.f. each
Maximum depth into existing grade = 83"



21-1269

21-2191