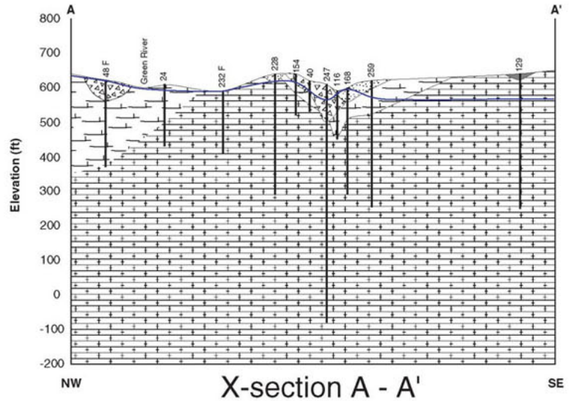
- layer of ablation till mantling the kame moraine mapping unit
- kamic fields also occur through the valley, deposited during periods of ice stagnation, and include numerous short esker segments

Cross Sections



X-section A - A'

Explanation

Lithologies

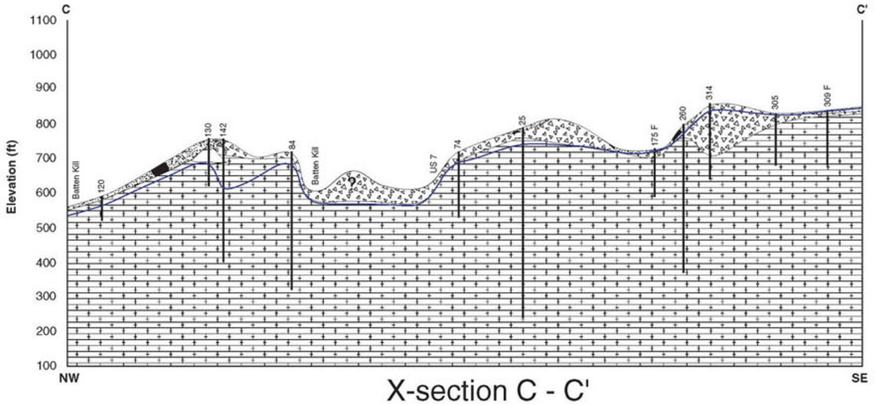
- Ablation Till
- Clay
- Gravel
- Limestone
- Lodgement Till
- Ochre

Symbols

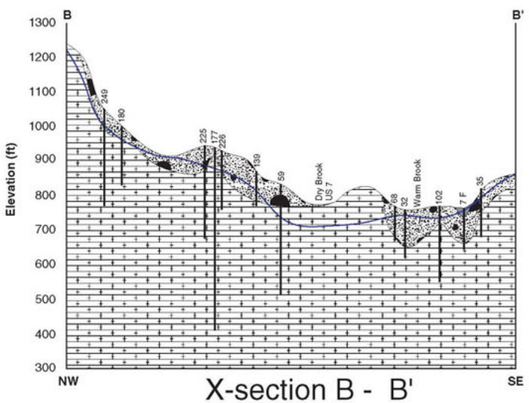
- Well (Well numbers are unofficial, used for indexing the wells in this project. F designates a flowing well.)
- Piezometric Surface

Scale 1/2 mile

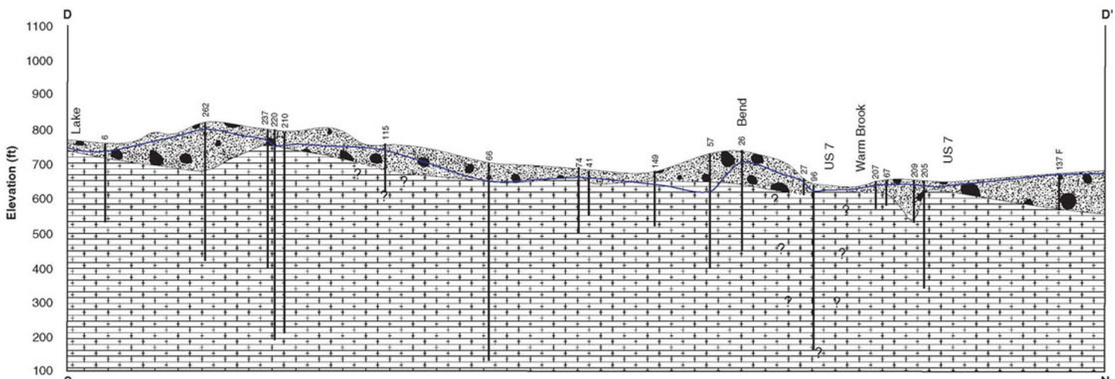
Vertical Exaggeration 8:1



X-section C - C'



X-section B - B'



X-section D - D'

Exerpt of database of subsurface information compiled from well driller logs

Data entered in the "Interpretations" columns is the best estimation of geologic lithogies translated from well driller nomenclature. Interpretations of surficial units were confirmed when possible in the field during surficial mapping.
Data are of Cross Section D - D', along the Vermont Valley axis.

X-section D - D'

Well Number	EndingDepth	Yield (GPM)	Static Water	DEPTH 1	DESCRIP_1	Interpretation	DEPTH 2	DESCRIP_2	Interpretation	DEPTH 3	DESCRIP_3	Interpretation	DEPTH 4	DESCRIP_4	Interpretation	DEPTH 5	DESCRIP_5	Interpretation	DEPTH 6	DESCRIP_6
6	225	3	30	0	fine gravel and boulders	gravel	46	white marble	marble	225	bottom									
262	400	1.5	20	0	sand/gravel mix	sand and gravel	140	broken up limestone	limestone	147	whi/gray limestone	limestone	400	bottom						
237	400	1	30	0	BROWN FINE SAND & GRAVEL	sand and gravel	40	WHITE LIMESTONE	limestone	50	WHITE & GREY LIMESTONE	limestone	80	WHITE & GREY LIMESTONE	limestone	400	bottom			
220	605	0	44	0	sand & rocks	sand and gravel	37	black & gray limestone w/brown spots	limestone	605	bottom									
210	580	2	30	0	Brown sand and boulders	sand	65	White limestone, with water	limestone	580	bottom									
115	140	8	20	0	red sand only	sand	84	white black schist	marble?	140	bottom									
66	565	0	50	0	hardpan and boulders	till	51	limestone	limestone	565	bottom									
74	185	8	30	0	overburden	till	10	limestone	limestone	185	bottom									
41	125	20	20	0	conglomerate	till	40	limestone	limestone	125	bottom									
149	160	20	41	0	fine dead sand	sand	26	gray limestone	limestone	154	fractured gray limestone & ochre, 20 gpm @160	ochre	160	bottom						
57	325	60	110	0	brown gravel	gravel	10	light brown sand	sand	71	white marble	marble	86	rotten seam(s)	?	107	gray marble	marble	325	bottom
26	290	3	30	0	sand	sand	30	packed gravel	gravel	80	limestone	limestone	290	bottom						
27	43	10	6	0	gravel	gravel	43	bottom												
96	480	2	20	0	gravel and clay	till	8	gray shale	marble?	480	bottom									
207	80	100	10	0	Boulders	ochre	55	White limestone	limestone	60	Limestone, with water	limestone	80	bottom						
67	70	20	7	0	packed gravel.	gravel	60	coarse loose gravel.	gravel	70	bottom									
209	120	100	10	0	Brn. clay	clay	5	Redish brn. sand gravels	sand and gravel	35	Sand, fine brn., with water	sand	85	Coarse gravels, sand; with water	sand and gravel	120	bottom			
205	305	5	15	0	Gravel	gravel	10	Hardpan	till	18	Black limestone, with water	limestone	305	bottom						
137	100	30	0	0	sand	sand	15	coarse gravel waterbearing	gravel	100	bottom									