

Section 2 Tables

**Table 2-2
Test Pit Data Highmount Road**

Crossroads Project						
Test Pits at Highmount to Determine the Depth to Bedrock along the Road Alignment and Building Locations						
Data collected by Will Buetow and Roger Case from 11/28/07 to 11/30/07						
Date	Pit Number	Depth to Fractured Rock (inches)	Depth to Seasonal High Water Table (inches)	Depth to Bedrock/Refusal (inches)	Notes	Perc Rate
11/28/2007	1	42	29	60	Willowmec soil series	
11/28/2007	2	60	none	85	Lewbeech soil series	
11/28/2007	3	61	none	81	Lewbeech soil series	
11/28/2007	4	none	none	17	Halcott soil series	
11/28/2007	5	17	none	28	Vly soil series	
11/28/2007	6	20	12	40	Vly soil series	
11/28/2007	7	52	none	60	Lairdsville soil series, red shale	
11/28/2007	8	none	none	81	Lairdsville soil series, red clay overlying red shale	
11/28/2007	9	none	none	108	Lewbeech soil series, very firm at 33"	
11/28/2007	10	66	66	>66	Lewbeech soil series, reddish brown shale	
11/28/2007	11	88	88	102	Lewbeech soil series, very firm at 35"	
11/28/2007	12	52	none	83	Elka soil series	
11/28/2007	13	25	none	35	Vly soil series	
11/28/2007	14	2	none	15	Halcott soil series	
11/28/2007	15	6	none	23	Vly soil series	
11/28/2007	16	0	none		Rubble not associated with a known soil series	
11/28/2007	17	45	none	68	Lewbeech soil series, hard rippable shale	
11/28/2007	18	0	none		Rubble not associated with a known soil series	
11/28/2007	19	52	none	68	Lewbeech soil series	
11/28/2007	20	45	none	60	Elka soil series	
11/28/2007	21	none	none	30	Vly soil series	
11/28/2007	22	none	none	10	Halcott soil series	
11/28/2007	23	40	none	61	Elka soil series	
11/29/2007	24	none	none	35	Vly soil series	
11/29/2007	25	35	none	52	Vly soil series	
11/29/2007	26	26	none	30	Vly soil series	
11/29/2007	27	30	none	40	Vly soil series	
11/29/2007	28	30	none	56	Vly soil series	
11/29/2007	29	none	none	31	Vly soil series	
11/29/2007	30	30	none	34	Vly soil series	
11/29/2007	31	32	none	42	Vly soil series	
11/29/2007	32	26	none	32	Vly soil series	
11/29/2007	33	30	none	34	Vly soil series	
11/29/2007	34	30	none	38	Vly soil series	
11/29/2007	35	16	none	31	Vly soil series	
11/29/2007	36	47	24	62	Willowmec soil series	
11/29/2007	37		24		Lairdsville soil series, soft red shale bedrock	
11/29/2007	38	0	none	60	Rubble not associated with a known soil series	
11/29/2007	39	32	none	41	Vly soil series	
11/29/2007	40	18	none	18	Halcott soil series, bedrock is soft shale	
11/29/2007	41	27		56	Vly soil series	
11/29/2007	42	30	none	40	Vly soil series	
11/29/2007	43	none	none	0	rock outcrop	
11/29/2007	44	25	none	48	Vly soil series	
11/29/2007	45	30	none	40	Vly soil series	
11/29/2007	46	19	none	31	Vly soil series	
11/29/2007	47	10	none	19	Halcott soil series	
11/29/2007	48	28	none	31	Vly soil series	
11/29/2007	49	0	none	10	Halcott soil series	
11/29/2007	50	33	none	51	Vly soil series	
11/29/2007	51	18	none	23	Vly soil series	
11/29/2007	52	30	none	38	Vly soil series	
11/30/2007	53	50	none	65	near 1+00, red shale	
11/30/2007	54	44	none	59	red shale, rocky	
11/30/2007	55	33	50	54	near 2+00	
11/30/2007	56	41	60	64	near 3+00, 25' from ledge line	
11/30/2007	57	24	none	47	adjacent to exposed ledge, green sandstone rock	
11/30/2007	58	56	none	64	uphill from 57, green sandstone	
11/30/2007	59	44	none	50	on edge of exposed ledge line, green sandstone	
11/30/2007	60	24	none	38	green sandstone, large rocks exposed at surface	
11/30/2007	61	none	none	21	green sandstone, large rocks exposed at surface	
11/30/2007	62	none	none	6	on edge of steep dropoff	
11/30/2007	63	none	none	22	green sandstone ledge, the road is proposed on the shoulder of a shallow ridge	
11/30/2007	64	60	none	68	West Lodge, ledge is in the SE corner of bldg with 10'-15' rise, GPS located the ledge face, green sandstone	
11/30/2007	65	none	none	23	Hotel, green sandstone bedrock	
11/30/2007	66	none	none	40	Hotel, green sandstone bedrock	
11/30/2007	67	none	none	22	Hotel, green sandstone bedrock	
11/30/2007	68	15	none	22	Vly soil series	
11/30/2007	69	15	none	19	Halcott soil series	15 minutes
11/30/2007	70	30	none	35	Vly soil series	
11/30/2007	71	19	none	25	Vly soil series	
11/30/2007	72	10	none	15	Halcott soil series	
11/30/2007	73	30	none	35	Vly soil series	
11/30/2007	74	15	none	20	Halcott soil series	
11/30/2007	75	10	none	20	Halcott soil series	
11/30/2007	76	30	none	40	Vly soil series, gravelly bouldery native glacial till with some disturbance from the adjacent road	
11/30/2007	77		none		Paxton very gravelly sandy loam soil series, very firm, gravelly sandy loam at 35"	17 minutes

Table 2-3 Wildacres Impervious Areas

Wildacres	Unit	Driveway (SF)	Roof (SF)	Impervious Area (SF)	Impervious Area (AC)
Westside	33	5,450	7,320	12,770	0.29
(1,830 SF per unit)	34	6,575	7,320	13,895	0.32
	35	6,225	7,320	13,545	0.31
	36	4,940	7,320	12,260	0.28
	37	4,190	7,320	11,510	0.26
	38	4,950	7,320	12,270	0.28
	39	5,415	7,320	12,735	0.29
TOTALS		37,745	51,240	88,985	2.04
Wildacres Hotel		0	176,325	176,325	4.05
Parking Garage		0	47,065	47,065	1.08
TOTALS		0	223,390	223,390	5.13
Golf Maintenance		11,650	8,690	20,340	0.47
Club House Parking Lot		39,060	0	39,060	0.90
Road		153,970	0	153,970	3.53
Sidewalks		18,850	0	18,850	0.43
Tennis Courts		14,400	225	14,625	0.34
Water Treatment		0	4,356	4,356	0.10
Range Shed		0	2,180	2,180	0.05
Gazebos		0	436	436	0.01
TOTALS		237,930	15,887	253,817	5.83
COMBINED TOTAL		275,675	290,517	566,192	13.00
Wildacres	Unit	Driveway (SF)	Roof (SF)	Impervious Area (SF)	Impervious Area (AC)
Eastside	40	1,615	3,660	5,275	0.12
(1,830 SF per unit)	41	1,550	3,660	5,210	0.12
	42	2,640	3,660	6,300	0.14
	43	7,075	3,660	10,735	0.25
	44	-	3,660	3,660	0.08
	45	9,440	3,660	13,100	0.30
	46	-	3,660	3,660	0.08
	47	7,080	3,660	10,740	0.25
	48	-	3,660	3,660	0.08
	49	10,415	3,660	14,075	0.32
	50	-	3,660	3,660	0.08
	51	4,995	7,320	12,315	0.28
	52	5,300	7,320	12,620	0.29
	53	5,750	7,320	13,070	0.30
	54	5,300	7,320	12,620	0.29
	55	5,690	7,320	13,010	0.30
TOTALS		66,850	76,860	143,710	3.30
Road		46,500	0	46,500	1.07
Shared Driveway		7,400	0	7,400	0.17
Clubhouse		13,000	0	13,000	0.30
Pool		0	0	4,500	0.10
Tennis Court		14,400	0	14,400	0.33
Sidewalks		7,925	0	7,925	0.18
TOTALS		89,225	0	93,725	2.15
COMBINED TOTAL		156,075	76,860	237,435	5.45
COMBINED EAST/WEST		431,750	367,377	803,627	18.45

Table 2-4 Highmount Impervious Areas

	Highmount Spa	Unit	Driveway (SF)	Roof (SF)	Impervious Area (SF)	Impervious Area (AC)
	Duplex Units	25	1,100	3,100	4,200	0.10
		26	1,100	3,100	4,200	0.10
		27	1,600	3,100	4,700	0.11
		28	1,200	3,100	4,300	0.10
		29	1,850	3,100	4,950	0.11
		30	1,820	3,100	4,920	0.11
		31	1,820	3,100	4,920	0.11
		32	1,850	3,100	4,950	0.11
	TOTALS		12,340	24,800	37,140	0.85
	Single Units	1	4,350	3,400	7,750	0.18
		2	0	3,400	3,400	0.08
		3	1,640	3,400	5,040	0.12
		4	1,700	3,400	5,100	0.12
		5	1,790	3,400	5,190	0.12
		6	1,600	3,400	5,000	0.11
		7	1,700	3,400	5,100	0.12
		8	3,780	3,400	7,180	0.16
		9	0	3,400	3,400	0.08
		10	3,600	3,400	7,000	0.16
		11	0	3,400	3,400	0.08
		12	1,400	3,400	4,800	0.11
		13	1,500	3,400	4,900	0.11
		14	1,830	3,400	5,230	0.12
		15	1,680	3,400	5,080	0.12
		16	1,650	3,400	5,050	0.12
		17	1,550	3,400	4,950	0.11
		18	2,400	3,400	5,800	0.13
		19	1,680	3,400	5,080	0.12
		20	2,100	3,400	5,500	0.13
		21	2,070	3,400	5,470	0.13
		22	1,620	3,400	5,020	0.12
		23	1,200	3,400	4,600	0.11
		24	1,150	3,400	4,550	0.10
	TOTALS		41,990	81,600	123,590	2.84
	Conference Center		6,450	7,370	13,820	0.32
	TOTALS		6,450	7,370	13,820	0.32
	Roadways		191,295	0	191,295	4.39
	TOTALS		191,295	0	191,295	4.39
	Hotel		0	0	0	0.00
	Lodge		0	0	0	0.00
	Water Tank		0	2178	2,178	0.05
	TOTALS		0	2,178	2,178	0.05
	HIGHMOUNT COMBINED		252,075	115,948	368,023	8.45