

# HIGHLAND VALLEY DRILL HOLES LOC'NS

896345

## LOCATIONS NEED FOR:

### 1. Lower Damsite

~~LD 2~~, ~~LD 3~~ I have them all ✓

### 2. Middle Damsite ✓

✓ Any one hole will do because I have a plan of all the holes but no absolute location

Do holes ~~(e.g.)~~ such as MD 3B, 5A, 8A have the same collars as 3, 5 and 8? **YES**

### 3. Upper Damsite

UD 2 ✓, UD 3 ✓, UD 24 ✓

### 4. Canwex

I have them ✓

### 5. Golden Brawner

BH 1, BH 3, BH 14 (Millsite) ✓

DH 12 Arlington Map

### 6. HEU 8 and 9 ✓ Back of Bethlehem

### 7. DARK HAWK 12, 13, 14, 16

### 8. ARLINGTON 1 to 10 I had a map but have mislaid it.

	North	East	Elevation
UD 2	110,363	94 407	3956.7
UD 3	110,776	95 207	4104.2
UD 24	108,649	95512	3932.0

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✓ plotted on base map

TABLE I  
INDEX OF BOREHOLES

Drill Hole	North	East	Elevation	Drilling Equipment	Total Depth of Hole (ft.)	Depth to Rock (ft.)
>MD-1	117,382	82,464	3801.3	Becker.	45.0	-
>MD-2	117,525	82,176	3800.4	Becker.	40.0	-
>MD-3 ✓	118,070	81,520	3775.8	Tricone With Mud. Diamond Coring.	191.0	148.0
>MD-4	118,652	80,706	3765.6	Becker.	39.0	-
>MD-5 ✓	117,878	82,473	3819.7	Cased Percussion. Diamond Coring.	190.0	-
>MD-6	117,224	81,858	3855.9	Diamond Coring.	130.0	95.0
>MD-7	116,606	81,231	4071.1	Diamond Coring.	53.0	22.0
>MD-8 ✓	119,284	82,639	3971.3	Cased Percussion. Diamond Coring.	150.0	102.0
>MD-9	120,516	83,230	4081.3	Cased Percussion. Diamond Coring.	125.0	81.0

SJP/lmc  
cc - RFN

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Sheet 1 of 2

Drilling Dates  
Holes Finished  
Prior to 11 March 70  
Designated (-)

Depth of Piezometer Tip (ft.)	Falling Head Permeability Test	Pressure Packer Test	Artesian Conditions	
42.5	No	No	No	
38.0	No	No	No	
177.0	No	No	Yes	23 Feb. - 26 Feb. (3) 4 March - 6 March (3A) 6 March - 13 March (3B) 16 April - 17 April (3B)
39.0	No	No	No	
158.0	No	Yes	No	5 March - 6 March (5) 8 April - 8 April (5) 9 April - 13 April
130.0	Yes	No	No	
53.0	No	Yes	No	3 March - 4 March 15 April - 16 April
150.0	No	No	No	7 March - 9 March (8) 31 March - 2 April
125.0	Yes	Yes	No	9 March - 9 March 23 March - 26 March

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TABLE I

Drill Hole	North	East	Elevation	Drilling Equipment	Total Depth of Hole (ft.)	Depth to Rock (ft.)
MD-10	121,251	83,572	4148.5	Cased Percussion. Diamond Coring.	300.0	120.0
MD-11	118,484	82,200	3886.8	Diamond Coring.	198.0	166.0
MD-12	117,383	82,287	3799.2	Becker.	27.0	-
MD-13	117,500	82,364	3801.1	Becker.	41.0	-
MD-14	117,282	82,752	3801.4	Becker.	38.0	-
MD-15	118,625	80,932	3768.1	Becker.	30.0	-
MD-16	118,441	80,891	3765.7	Becker.	30.0	-
MD-17	118,404	81,093	3768.2	Becker.	61.5	-
MD-18	118,949	80,795	3774.5	Tricone With Mud.	48.0	-
MD-19	118,702	80,527	3764.1	Tricone With Mud.	50.5	-
MD-20	118,657	80,458	3762.8	Tricone With Mud.	51.5	-
MD-23	117,699	82,593	3812.3	Diamond Coring.	70.00	-
MD-25	117,718	81,523	3835.7	Cased Percussion.	148.0	-
MD-28	117,233	82,083	3832.4	Cased Percussion.	160.0	127.0

Depth of Piezometer Tip (ft.)      Falling Head Permeability Test      Pressure Packer Test      Artesian Conditions

Drilling Dates  
{Holes Finished  
Prior to 11 March 70  
Designated (-)}

295.5      Yes      Yes      No      9 March - 10 March  
16 March - 23 March

198.0      No      Yes      No

27.0      No      No      No

39.5      No      No      No

36.0      No      No      No

30.0      No      No      No

30.0      No      No      No

61.0      No      No      No

46.0      No      No      Yes

51.0      No      No      Yes

48.0      No      No      Yes — 9 March - 11 March

70.0      No      No      No — 11 March - 11 March

128.0      Yes      No      No — 13 April - 15 April

121.0      Yes      No      No — 19 April - 21 April

{ 16 April - 18 April (28)  
18 April - 19 April



TABLE I  
INDEX OF BOREHOLES

Drill Hole	North	East	Elevation	Drilling Equipment	Total Depth of Hole (ft.)	Depth to Rock (ft.)
>UD-1	109,527	92,773	3882.9	Diamond Coring.	91.0	-
>UD-1A	-	-	-	Tricone With Mud.	344.0	205.0
>UD-2	110,363	94,407	3956.7	Diamond Coring	156.0	126.0
>UD-3	110,776	95,207	4104.2	Diamond Coring	56.0	18.6
>UD-9	110,256	93,271	3861.8	Tricone With Mud	33.9	-
>UD-12	110,250	92,312	3860.0	Tricone With Mud.	31.8	-
>UD-14	110,624	92,157	3859.5	Tricone With Mud	73.0	-
>UD-16	109,402	93,481	3869.5	Tricone With Mud.	31.0	-
>UD-17	109,202	93,945	3867.3	Tricone With Mud.	71.0	-
>UD-24	108,649	95,512	3932.0	Tricone With Mud. Diamond Coring.	137.0	102.0
>MP-1	97,165	99,130	4006.8	Cases Percussion. Tricone With Mud.	220.0	199.0
>MP-2	97,998	99,002	4015.5	Cased Percussion. Tricone With Mud.	165.0	-
>MP-3	96,945	99,047	4032.9	Tricone With Mud.	73.5	71.0
>MP-4	98,000	98,000	4036.0	Cased Percussion.	39.0	-

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Depth of Piezometer Tip(ft.)	Falling Head Permeability Test	Pressure Packer Test	Artesian Conditions	Drilling Dates [Drill Holes Completed Prior to 11 March 70 Designated (-)]
49.0	No	No	Yes	-
No	No	No	Yes	-
95.0	Yes	No	No	-
2.0	No	No	No	-
1.0	No	No	No	-
21.0	No	No	No	-
66.0	No	No	Yes	-
22.0	No	No	No	-
No	No	No	Yes	-
137.0	No	No	No	16 Mar.-20 Mar. 5 April - 8 April
220.0	No	No	No	11 Mar.-12 March 24 March - 4 April 4 April - 5 April
No	No	No	No	10 March - 11 March 12 March - 12 March 21 March - 24 March
65.0	No	No	No	
No	No	No	No	

LOCATION OF BORROW PITS AND DRILL HOLES  
HIGHLAND VALLEY

LOWER DAM

<u>Drill Hole</u>	<u>North</u>	<u>East</u>	<u>Elevation</u>	<u>Remarks</u>
LD 1	120,422	68,369	3660.5	
LD 2	119,481	69,011	3637.3	
LD 3	118,364	69,834	3921.3	
LD 4	122,141	67,116	3983.5	
LD 5	123,891	65,883	4049.5	
LD 6	120,841	70,118	3656.4	
LD 7	118,939	66,482	3622.1	
LD 8	121,206	69,775	3649.7	
LD 11	120,424	69,239	3641.1	
LD 17	119,545	68,491	3633.9	
LD 22	118,646	67,387	3624.6	
LD 24	120,948	68,006	3773.8	
LD 25	121,509	67,574	3893.2	

Borrow Pits

BP 1-1	124,221	67,160	4034.2	
BP 1-2	124,213	68,193	3986.1	
BP 1-3	124,176	69,134	3951.4	
BP 1-4	124,243	70,258	3911.8	
BP 1-6	122,934	71,184	3724.4	
BP 1-7	122,828	70,219	3813.3	
BP 1-8	123,296	70,673	3808.9	
BP 1-9	122,856	69,145	3870.6	
BP 1-10	123,393	69,616	3873.0	
BP 1-11	123,386	68,658	3927.6	
BP 1-12	123,237	68,088	3949.9	
BP 2-1	120,501	71,552	3676.2	
BP 2-2	120,877	72,822	3682.0	
BP 2-3	121,439	73,740	3768.8	
BP 2-4	120,701	74,897	3768.0	
BP 2-5	120,673	73,700	3812.7	
BP 2-6	119,841	73,754	3885.7	
BP 2-7	119,818	74,869	3939.0	
BP 2-8	119,906	72,368	3852.7	
BP 2-9	119,621	71,504	3865.1	
BP -	124,150	71,082	3861.2	
BP 3-1	123,408	65,506	4046.7	
BP 3-2	122,115	65,613	3944.2	
BP 3-3	121,253	65,868	3848.8	
BP 3-4	120,418	65,210	3736.2	
BP 3-5	120,538	64,269	3725.4	
BP 3-6	120,713	72,106	3684.1	
BP 3-7	119,572	64,098	3667.2	
BP 3-8	118,884	64,660	3686.8	
BP 3-9	119,688	64,823	3701.6	
BP 3-10	119,712	65,926	3729.2	
BP 3-11	118,772	65,636	3664.2	
BP 4-1	117,438	67,598	3716.0	
BP 4-2	116,564	67,320	3782.9	
BP 4-3	115,594	66,937	3848.3	
BP 4-4	116,710	68,009	3883.9	
BP 4-5	117,163	68,711	3948.6	
BP 4-6	116,147	68,452	4021.9	
BP 4-7	115,661	68,634	4085.5	
BP 4-8	116,191	69,235	4095.0	
BP 4-9	116,945	69,727	4130.6	

This list supersedes all previous lists.

10th April 1970



LOCATION OF BORROW PITS AND DRILL HOLES  
HIGHLAND VALLEY

MIDDLE DAM

<u>Drill Hole</u>	<u>North</u>	<u>East</u>	<u>Elevation</u>	<u>Remarks</u>
MD 1	117,382	82,464	3801.3	
MD 2	117,525	82,176	3800.4	
MD 3	118,070	81,520	3775.8	
MD 4	118,652	80,706	3765.6	
MD 5	117,878	82,473	3819.7	
MD 6	117,224	81,858	3855.9	
MD 7	116,606	81,231	4071.1	
MD 8	119,284	82,639	3971.3	
MD 9	120,516	83,230	4081.3	
MD 10	121,251	83,572	4148.5	
MD 11	118,484	82,200	3886.8	
MD 12	117,383	82,287	3799.2	
MD 13	117,500	82,364	3801.1	
MD 14	117,282	82,752	3801.4	
MD 15	118,625	80,932	3768.1	
MD 16	118,441	80,891	3765.7	
MD 17	118,404	81,093	3768.2	
MD 18	Deleted			
MD 19	118,702	80,527	3764.1	
MD 20	118,949	80,795	3774.5	
MD 23	117,699	82,593	3812.3	
MD 25	117,718	81,523	3835.7	
BP 5-1	118,658	82,847	3931.5	
BP 5-2	119,573	83,350	4036.5	
BP 5-3	119,045	84,147	4083.1	
BP 5-4	119,052	85,604	4090.0	
BP 5-5	118,968	86,197	4129.6	
BP 5-6	118,871	86,854	4176.2	
BP 5-7	116,831	84,582	3864.2	
BP 5-8	117,796	83,186	3831.4	
BP 5-9	118,429	82,323	3918.7	
BP 5-10	118,729	82,286	3937.7	
BP 6-1	118,089	83,210	3857.3	
BP 6-2	119,006	83,564	4016.6	
BP 6-3	119,912	84,112	4108.0	
BP 6-4	118,200	83,795	3973.0	
BP 6-5	117,489	84,203	3923.6	
BP 6-6	117,874	84,809	4027.7	
BP 6-7	118,687	84,716	4085.1	
BP 6-8	119,128	85,295	4088.7	
BP 7-1	116,576	82,419	3859.4	
BP 7-2	115,873	82,677	3983.5	
BP 7-3	116,053	83,567	3843.5	
BP 7-4	115,056	83,215	4059.3	
BP 7-5	115,440	84,149	3923.4	
BP 7-6	114,464	83,871	4114.5	
BP 7-7	114,820	84,862	3962.8	
BP 7-8	113,824	84,518	4188.6	
BP -	117,202	81,567	3886.9	Not Identified by
BP -	119,121	82,544	3993.7	Number
BP -	118,743	82,386	3959.2	
BP -	118,309	82,852	3908.4	
BP -	118,032	82,956	3870.0	
DH 1007	116,843	81,363	3991.1	
DH 7-7	114,828	84,835	3962.3	
DH 7-5	115,485	84,110	3918.0	

This list supersedes all previous lists.