

NORTH VALE LITHOLOGY AND DEPTH TO WATER ZONES

NV-1	0-80 clay, 80-85 gravel, 85-125 clay	120'
NV-2	0-3 glacial gravels 3-80 volcanic tuffaceous 80-85 congl. 85-120 volcanic tuffaceous 120-125 congl. 125-165 Vol ss	80'
NV-3	0-165 tuffaceous clays	---
NV-4	0-40 volcanic tuff 40-70 alternating tuff ss and blue shale 70-80 blue clay 80-100 tuffaceous blue gray shale 100-120 same as above but very micaceous	
NV-5	0-40 tuffaceous ss 40-150 same considerable mica 150-165 blue gray shale	
NV-6	0-140 clays and tuff 140-165 ss and gravel	130'
NV-7	0-40 40-45 sand/gravel 45-165 blue gray clay - siltstone	40'
NV-8	0-20 yellow sandstone 00-105 red, blown buff clays & siltstones	
NV-9	0-160 brown siltstone	100'
NV-10	0-10 gravel 10-25 ss 25-65 clay & silt 65-145 ss/cong.	
NV-11	0-140 gravel and sands	
NV-12	0-165 clays and some sand	
NV-13	0-165 clays	
NV-14	0-130 sand	
NV-15	0-145 alternating tuff and sandstones	140'
NV-16	0-165 sand	62'

Hole NV-17 Drilled 10/9/75

0-15 Brown bouldery (aphanitic non-porphyrific bslt) soil. NV-17 [10]
15-165 Yellow-brown to lt-gray tuffaceous siltstone,
NV-17 [20, 30, 40, 50, 60, 70, 80, 100, 140, 160]

Sampler

	MR/HR	Background
10	.020	.0170
20	.018	
30	.0165	
40	.0170	
50	.0175	
60	.0170	
70	.0170	
80	.0170	
100	.0165	
140	.0180	
160	.0170	

Hole NV-18 Drilled 10/9/75

0-15 Yellow-brown tuffaceous silt ~15% angular bslt frags. NV-18 [10]
15-55 Greenish-gray to yellow brown siltstone. NV-18 [20, 30, 40]
55-160 Blue-gray clay NV-18 [120, 130, ~~160~~, ~~165~~]
160-165 Dk-gray aphanitic non-porphyrific bslt. NV-18 [160, 165]

Samples

	MR/HR	Background
10	.0165	.0175
20	.0155	
30	.0160	
40	.0150	
120	.0160	
130	.0170	
160	.0180	
165	.0175	

VALE LITHOLOGY AND DEPTH TO WATER ZONES

V-1	clay, some sand	145'
V-2	sand and pea gravel	62'
V-3	sand	
V-4	sand and clay	
V-5	sandy clay	
V-6	40-60 gravel, 60-165 sandy clay	
V-7	0-3 gravel 3-20 sand 20-25 gravel 25-70 sand	45'
V-8	0-100 sand, some gravel 100-165 clay	
V-9	0-120 sandy clay 120-150 basalt 150-165 clay, some sand	37 - 46
V-10	0-55 basalt 55-120 sandy clay 120-165 basalt	
V-11	0-100 basalt, scoria, cinders	

Hole V-12 Drilled 10/10/75

- 0-30 Rounded pebbles (primarily bslt & quartzite) in clay matrix
50% pebbles, 35% matrix ~15% sand. V-12 [10, 20]
- 30-100 Sandy-pebbly clay ~20% clay matrix V-12 [40, 80, 100]
80% sand & gravel - Terrace gravels.

Samples

	MR/HR	Background	.0170
10	.0175		
20	.0170		
40	.0175		
80	.0170		
100	.0170		

Hole V-13 Drilled 10/9/75

- 0-25 Lt-brown to yellow-brown tuffaceous silt w/ minor bslt frags.
V-13 [10, 20]
- 25-45 Brown tuffaceous silt w/ 40-50% subrounded to angular bslt frags.
V-13 [30, 40]
- 45-100 Yellow-brown siltstone w/ several small sandy beds.

Samples

	MA/HR	Background	.0185
10	.0205		
20	.0205		
30	.0190		
40	.0200		
50	.0195		

Hole V-14 Drilled 10/10/75

- 0-100 Yellow-brown tuffaceous siltstone w/ minor bslt frags.

Samples

	MR/HR	Background	.0170
20	.0170		
40	.0170		

Hole V-15 Drilled 10/10/75

0-90 Subrounded to rounded pebbles (bslt, quartzite, & metas) in sandy clay matrix - Terrace gravels V-15 [5, 10, 40, 80]

90-100 Lt-brown tuffaceous siltstone w/ minor bslt frags. V-15 [100]

Samples

	MR/HR	Background	.0170
5	.0170		
10	.0175		
40	.0170		
80	.0170		
100	.0170		

Hole V-16 Drilled 10/10/75

0-100 Yellow-brown tuffaceous siltstone w/ minor bslt frags. V-16 [20, 60]

Samples

	MR/HR	Background	.0170
20	.0170		
40 60	.0170		

Hole V-17 Drilled 10/10/75

0-60 Yellow-brown tuffaceous siltstone w/ minor rounded to angular bslt frags. V-17 [10, 20, 40]

60-80 Sandy gravel w/ 30% tuffaceous matrix.

80-100 Yellow-brown tuff w/ 30-50% sand & gravel V-17 [90]

Samples

	MR/HR	Background	.0170
10	.0170		
20	.0175		
40	.0175		
90	.0175		

V-18 Drilled 10/10/75

0-65 Yellow-brown tuffaceous siltstone w/ minor angular bslt frags in upper 10 ft. Same as V-17 [10, 20, 40]

65-100 Yellow-brown tuffaceous siltstone w/ 40-50% sand & gravels (bslt, quartzite, & metas) Same as V-17 [90]

Hole V-19

Drilled 10/11/75

0-15 Lt-brown tuffaceous-sandy siltstone V-19 [10]
15-45 Sandy-gravel (rounded to sub-rounded bslt & quartzite)
20% tuffaceous matrix - V-19 [20, 30, 40]
45-55 Brown silty-clay V-19 [50]
55-100 Blue-gray clay V-19 [60]

Samples

MA/HR

1

10

20

30

40

50

60

Hole