

HOLE NUMBER: T7-4A

Drill alignment N68E runners
15NW off vertical
Date started: Wednesday, Nov. 8, 1961
Date completed: Thursday, Nov. 9, 1961
Driller: Vaughan Bowling, Cunningham Core
Drilling and Grouting Co.

<u>Depth in feet</u>			<u>Description</u>
<u>From</u>	<u>To</u>	<u>Thickness</u>	
0'	11'	11'	Overburden, includes red soil and particles of clinton float.
11'	13'10"	2'10"	Shale, pale greenish gray, contains paper thin partings of pale yellow sandy shale.
13'10"	17'4"	3'6"	Shale, pale yellowish brown to pale tan; contains sporadic lenses of white fine to medium grained quartzitic sandstone. Includes 7" core loss.
17'4"	17'7"	3"	Shale, brown.
17'7"	19'0"	1'5"	Sandstone, grayish maroon, fine grained, slightly ferruginous, vuggy, fractured and broken. Includes 9" core loss.
19'0"	24'6"	5'6"	Sandstone, maroon, fine to coarse grained ferruginous, contains quartz granules and maroon clay galls; fractured, includes 1'6" core loss.
24'6"	24'9"	3"	Sandstone, rust brown, fine grained.
24'9"	25'	3"	Sandstone, pale grayish white to grayish maroon, fine grained.
25'	25'3"	3"	Conglomeratic sandstone, contains rounded quartz pebbles and granules set in a rust brown silty sandstone matrix.
25'3"	25'6"	3"	Sandstone, conglomeratic, contains rounded quartz pebbles and granules set in a matrix of pale gray to rust brown clayey silt.
25'6"	28'3"	2'9"	Quartzite, pale grayish white, fine grained, contains sporadic paper thin reddish brown irregular shale partings.
28'3"	28'7"	4"	Clay, gray.
28'7"	29'3"	8"	Quartzite, pale grayish white, fine grained, contains sporadic paper thin reddish brown irregular shale partings.

Depth in feet			Description
From	To	Thickness	
29'3"	29'9"	6"	Sandstone conglomeratic, rust brown, coarse grained; contains irregular angular fragments of grayish white fine grained quartzite.
29'9"	30'2"	5"	Quartzite, pale grayish white to drab maroon gray, fine grained; contains manganese stained shale partings.
30'2"	30'4"	2"	Shale, pale brown.
30'4"	30'8"	4"	Quartzite, gray to grayish white, fine grained contains intercalations of gray shale.
30'8"	31'8"	1'	Shale, gray.
31'8"	31'8.5"	0.5"	Quartzite, gray to grayish white, fine grained.
31'8.5"	32'3"	6.5"	Shale, gray.
32'3"	32'4.5"	1.5"	Quartzite, pale grayish white, fine grained.
32'4.5"	34'	1'5.5"	Shale, gray; includes 1'6" core loss. End of hole.

Log of Split Core

date logged Nov. 11, 1961

19'	24'6"	5'6"	Sample 1 (19' - 24'6") Sandstone, maroon, fine to coarse grained, ferruginous, contains quartz granules and maroon clay galls, fractured; includes 1'6" core loss.
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