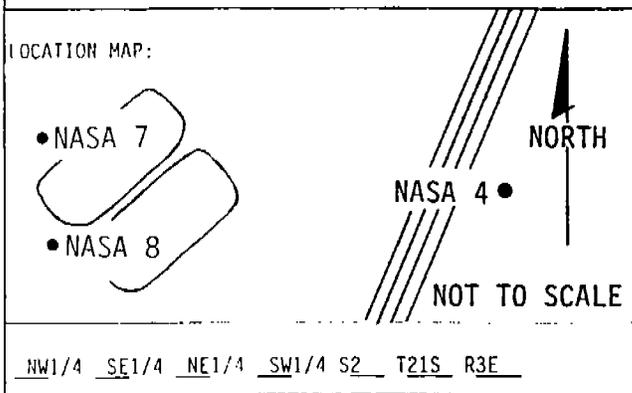


LITHOLOGIC LOG

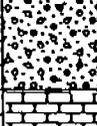
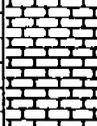
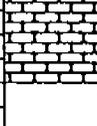
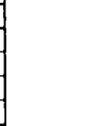


SITE ID: NASA-WSTF LOCATION ID: NASA-4
 SITE COORDINATES (ft.):
 N 224673.48 E 414597.78
 GROUND ELEVATION (ft. MSL): 4770.44 (CONCRETE PAD)
 STATE: NEW MEXICO COUNTY: DOÑA ANA
 DRILLING METHOD: WATER/FOAM
 DRILLING CONTR.: LARJON
 DATE STARTED: 28 FEBRUARY 1985 DATE COMPLETED: 4 MARCH 1985
 FIELD REP.: SELKE, LINLEY
 COMMENTS: Bedrock at 155' (?). Total depth = 175'.
Drillograph record and visual % unavailable.

LOCATION DESCRIPTION:

Depth	Visual %	Lith	Drilling Time Scale:	Sample Type and Interval	Lithologic Description	
5				0'-20' no sample collected	0'-155' <u>ALLUVIUM (Santa Fe Group)</u> 0'-95' Dark gray to grayish orange; cuttings are coarse-grained sand to pebbles up to 0.5" in diameter; subangular to subrounded; poorly sorted. Unconsolidated. Cuttings consist of limestone, quartzite.	
10						
15						
20					20'-165' cuttings	
25						
30						
35						
40						
45						
50						

Depth	Visual %	Lith	Drilling Time Scale:	Sample Type and Interval	Lithologic Description
50					<u>ALLUVIUM (Santa Fe Group) Continued</u>
55					
60					
65					
70					
75					
80					
85					
90					
95					95'-125' Grayish orange to dark gray; cuttings are medium- to coarse-grained sand; subrounded to subangular; moderately sorted. Cuttings consist of limestone, quartzite, and feldspar.
100					
105					
110					110'-125' Quartz and feldspar cuttings become more abundant.
115					

Depth	Visual %	Lith	Drilling Time Scale:	Sample Type and Interval	Lithologic Description
115					<u>ALLUVIUM (Santa Fe Group)</u> Continued
120					
125					125'-155' Dark gray; cuttings are coarse-grained sand to pebbles, subangular to angular, moderately well sorted. Cuttings consist of limestone, minor amounts of quartzite and quartz (possibly up-hole contamination).
130					
135					
140					
145					
150					
155					155'-165' <u>LIMESTONE (Hueco Formation)</u> Dark gray; cuttings are 99% limestone.
160					
165				165'-175' no sample collected	
170					
175					Total Depth = 175'.
180					