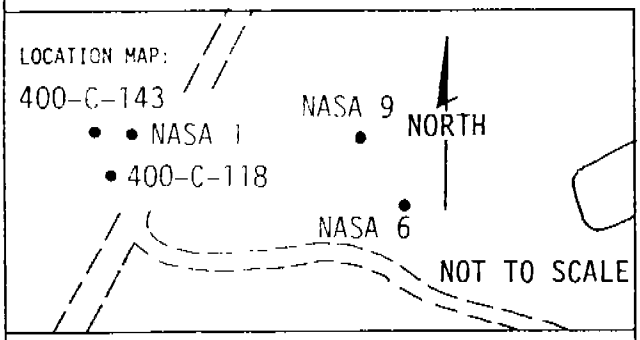
LITHOLOGIC LOG

LOCATION MAP:



SW 1/4 SW 1/4 SE 1/4 NW 1/4 S35 T20S R3E

SITE ID: NASA-WSTF LOCATION ID: 400-C-118

SITE COORDINATES (ft.):

N 230425.68 E 415380.10

GROUND ELEVATION (ft. MSL): 4808.74 (BRASS CAP)

STATE: NEW MEXICO COUNTY: DOÑA ANA

DRILLING METHOD: MUD\AIR-FOAM ROTARY

DRILLING CONTR.: LARJON

DATE STARTED: 13 FEBRUARY 87 DATE COMPLETED: 17 FEBRUARY 87

FIELD REP.: J. KASZUBA/D. CRAVENS

COMMENTS: Top Bedrock at ~ 150'. Total Depth = 155'.

LOCATION DESCRIPTION:

Depth	Visual %	Lith	Drilling Time Scale: min	Sample Type and Interval	Lithologic Description	
				0'-155' cuttings	0'-150'	ALLUVIUM (Santa Fe Group)
5			4		0'-15'	White to red to gray to black; cuttings are medium-grained sand to gravel up to 1"; angular; poorly sorted. Unconsolidated. Minor clay at 10'-15'. Cutting lithologies: limestone, dolomite, sandstone, siltstone and volcanics.
10			11			
15			22		15'-35'	White to red to gray to black; cuttings are medium-grained sand to gravel up to 0.5"; subrounded to angular; moderately to poorly sorted. Unconsolidated. Cutting lithologies: limestone, dolomite, sandstone, siltstone and volcanics.
20			52			
25			34			
30			40			
35			55		35'-85'	White to red to gray to black; Cuttings are medium-grained sand to gravel up to 0.1"; subangular; poorly sorted. Unconsolidated. Cuttings lithologies: limestones, dolomite, sandstone, siltstone and volcanics.
40			23			
45			31			
50			.4			

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Depth	Visual %	Lith	Drilling Time Scale: min	Sample Type and Interval	Lithologic Description
					ALLUVIUM (Santa Fe Group) Continued
50			4		
55			3		55'-60' Significant clay increase.
60			3		
65			3		
70			7		
75			6		
80			5		
85			3		85'-150' White to red to gray to black; cuttings are fine-grained sand to gravel up to 2"; angular; moderately sorted. Unconsolidated. Cuttings lithologies: limestone, dolomite, sandstone, siltstone and volcanics.
90			3		
95			3		
100			9		
105			6		
110			10		
115			28		

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Depth	Visual %	Lith	Drilling Time Scale: min	Sample Type and Interval	Lithologic Description
					ALLUVIUM (Santa Fe Group) Continued
115			28		
120			9		
125			24		
130			10		
135			12		
140			17		
145			12		
150			7		150'-155' OREJON ANDESITE Dark reddish brown; cuttings are fine-grained sand up to 1/4"; subrounded to subangular, moderately sorted. Cutting lithology: highly altered volcanics.
155			4		Total Depth = 155'.
160					
165					
170					
175					
180					