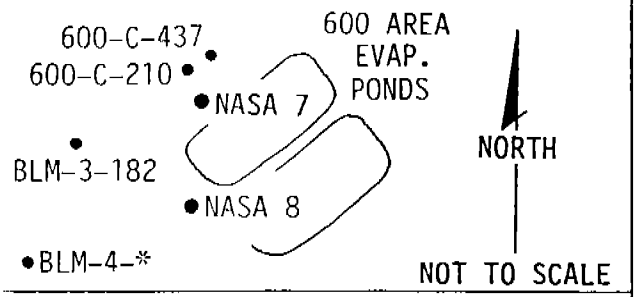
LITHOLOGIC LOG



SW1/4 NW1/4 NW1/4 SW1/4 S2 T21S R3E

SITE ID: NASA-WSTF LOCATION ID: NASA-7

SITE COORDINATES (ft.):

N 224762.69 E 413658.69

GROUND ELEVATION (ft. MSL):

STATE: NEW MEXICO COUNTY: DOÑA ANA

DRILLING METHOD: VERSAFOAM

DRILLING CONTR.: LARJON

DATE STARTED: 26 MARCH 1985 DATE COMPLETED: 28 MARCH 1985

FIELD REP.: SELKE, LINLEY

COMMENTS: Bedrock at 145'. Total depth = 233'. Drillograph Drillograph record and visual % unavailable.

LOCATION DESCRIPTION:

Depth	Visual %	Lith	Drilling Time Scale:	Sample Type and Interval	Lithologic Description	
				0'-233' cuttings	0'-135'	ALLUVIUM (Santa Fe Group)
5					0'-135'	Moderate orange pink to dark gray; cuttings are fine-grained sand to pebbles; subrounded to subangular; poorly sorted. Unconsolidated. Cuttings consist of limestone, volcanics, siltstone, quartzite.
10						
15						
20						
25						
30						
35						
40						
45						
50						

LOCATION ID: NASA-7

Depth	Visual %	Lith	Drilling Time Scale:	Sample Type and Interval	Lithologic Description
					ALLUVIUM (Santa Fe Group) Continued
50					
55					
60					
65					
70					
75					
80					
85					
90					
95					
100					
105					105'-135' Cuttings of volcanics clearly present.
110					
115					

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Depth	Visual %	Lith	Drilling Time Scale:	Sample Type and Interval	Lithologic Description
					ALLUVIUM (Santa Fe Group) Continued
115					
120					
125			125'-150', 50'/hour		
130					
135					135'-145' ALLUVIUM/VOLCANIC CONTACT Grayish orange to very dusky red to dark gray; cuttings are fine-grained sand to pebbles; subrounded to angular; poorly sorted. Unconsolidated. Cuttings consist of volcanics, limestone, quartzite, siltstone.
140					
145					145'-233' VOLCANICS (Orejon Andesite) Purple; cuttings are medium- to coarse-grained sand; subangular to angular; moderately sorted; clasts consisting of volcanics.
150					
155					
160					
165					
170					
175					175'-180' Same as above with presence of limestone, quartzite, volcanic pebbles up to 1" - rounded not fragmented.
180					

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Depth	Visual %	Lith	Drilling Time Scale:	Sample Type and Interval	Lithologic Description
					VOLCANICS (Orejon Andesite) Continued
180					
185					
190					
195					
200					
205					205'-210' Same as 175'-180' interval.
210					
215					
220					
225					
230					Total Depth = 233'.
235					
240					
245					