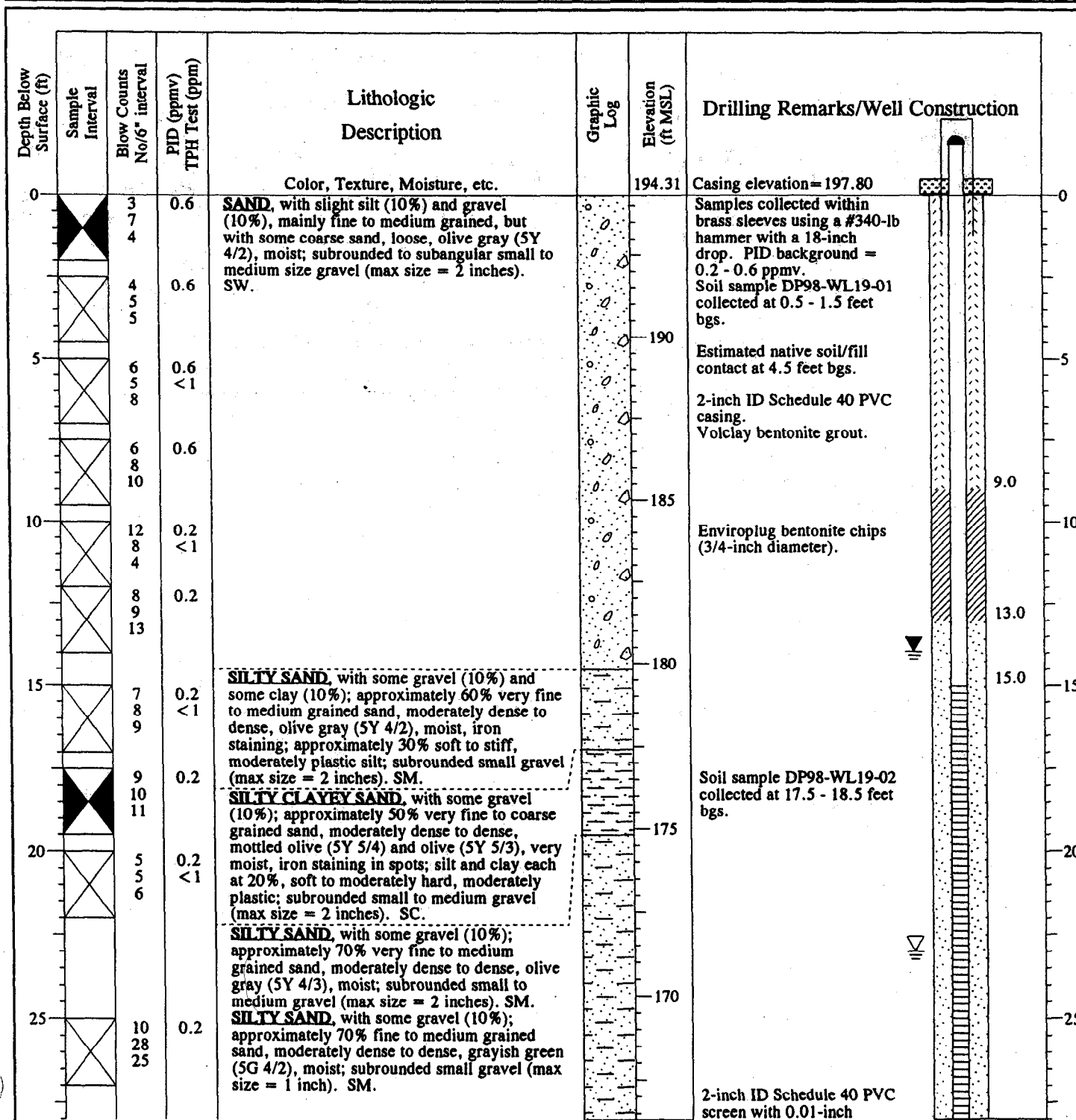


LOG OF DRILLING OPERATIONS

PROJECT	Site Characterization at DP98		LOCATION	Elmendorf AFB, Alaska	
TOTAL DEPTH	35.00	START DATE	8/31/00	FINISH DATE	8/31/00
GEOLOGIST	P. Schulte	APPROVED BY	C. Denver	R.G.#	
DRILLING COMPANY	Discovery Drilling		DRILLER	Calvin Frey	
DRILLING METHOD	Hollow Stem Auger		EQUIPMENT	CME 75	
DRILL BIT TYPE AND SIZE	Bullet				
BORING LOCATION (ST. ADDRESS OR DESCRIPTION)			Located outside the facility fence approximately 300 feet west of Bldg. 18224 Northing: 2654257.44 Easting: 1667418.95		



****NOTES****

bgs - below ground surface ID - Inside Diameter
PID/FID -Photoionization/Flame Ionization Detector
ppm(v) - parts per million (by volume)

D.P 98001889

First Water $\cong$ 23.00

At time of development $\nabla \equiv 13.95$

SB 14-3-32 ABDA

PROJECT **Site Characterization at DP98** LOCATION **Elmendorf AFB, Alaska**

Depth Below Surface (ft)	Sample Interval	Blow Counts No/6" interval	PID (ppmv) TPH Test (ppm)	Lithologic Description Color, Texture, Moisture, etc.	Graphic Log	Elevation (ft MSL)	Drilling Remarks/Well Construction
30		13 10 29	0.2			165	slots prepacked with #20/40 filter pack sand.
				Soil sample DP98-WL19-03 collected at 30 - 31 feet bgs.			
				Bottom of soil boring at 32 feet bgs.			All soil cuttings drummed and staged at an off-site facility.
							DP98001890

SB 14-3-32 AB04

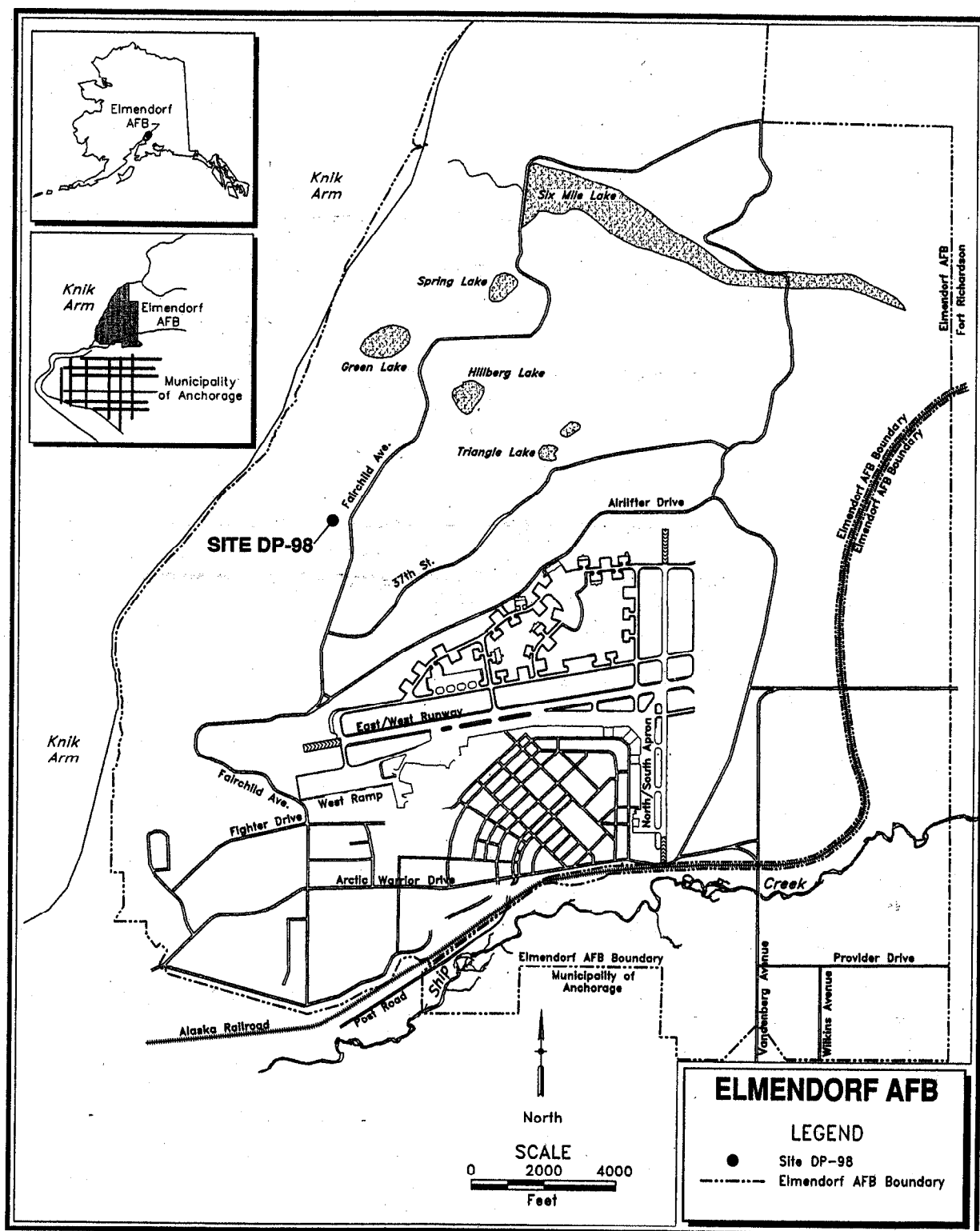
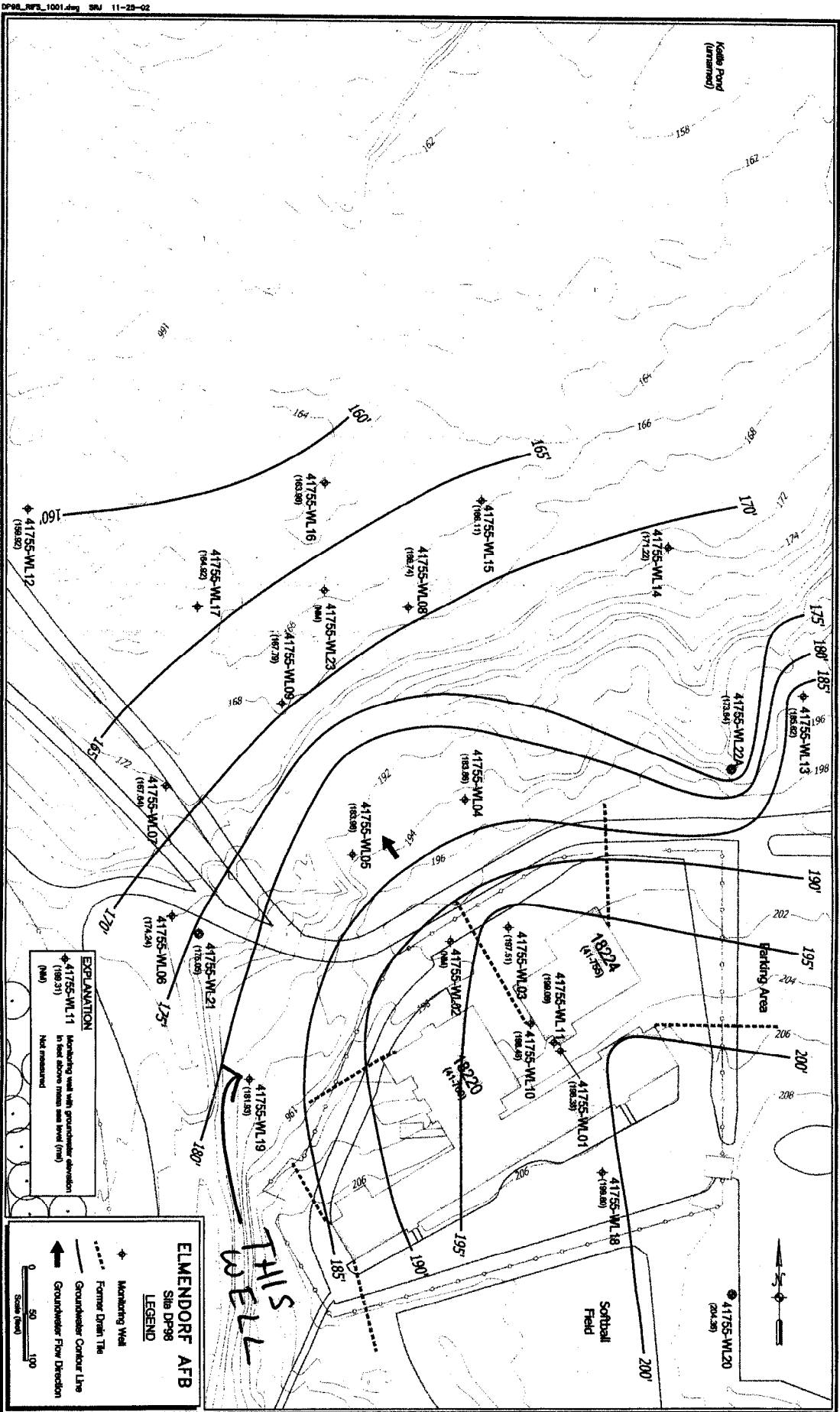


Figure 1-1. Location of Site DP98, Elmendorf AFB, Alaska

SB 14-3-32 ABDA

27740

SB 14-3-32 AB DA



20 November 2002

Figure 4-10. Potentiometric Surface (September 19, 2002)

4-27