PARTICLE SIZE ANALYSIS

SERIES: Lockhart LAB ID# - 2
PEDON # 2 COLLECTED 11-7-96
HORIZON: 48-60 inches
SAMPLE SIZE IS 100 GRAMS
BY TCJ
PHOTO:

	30 sec	90 sec	3 hr	10 hr
READING	50	42	18	14
BLANK	6	6	6	6
TEMP C	18	18	18	18

1. Concentration C=R-R1 at
   30 seconds= 44
   90 seconds= 36
   3 hours= 12
   10 hours= 8

2. P=(C/Co)*100
   30 seconds= 44
   90 seconds= 36
   3 hours= 12
   10 hours= 8

3. d=theta / t^.5 * Tcorr
   30 sec d= 55.45838
   90 sec d= 35.02362
   3 hrs d= 3.81
   10 hrs d= 2.14

% sand = 57.8
% silt = 34.67
% clay = 7.53

Textural Class =SANDY LOAM