

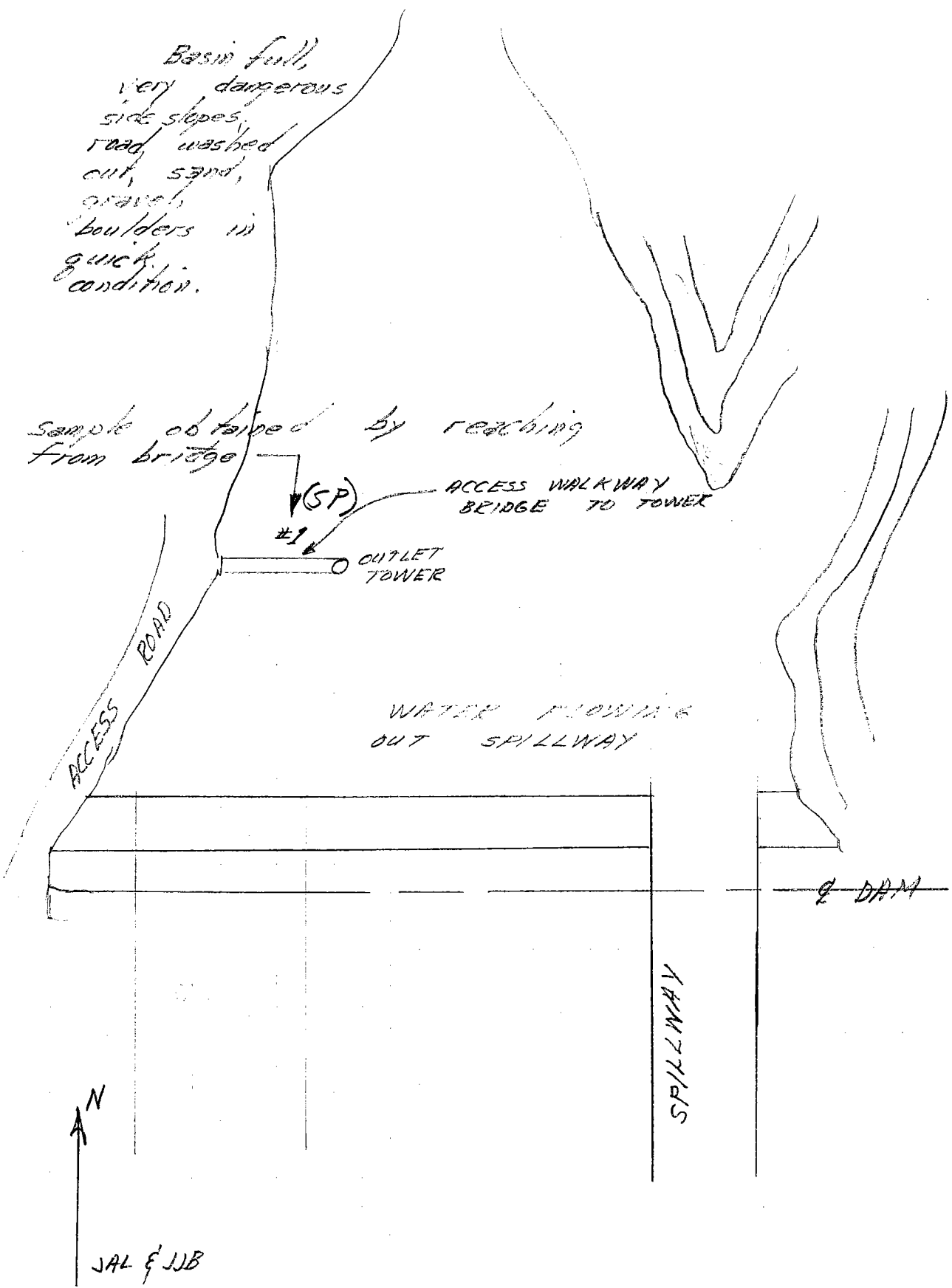
Soupit Debris Basin

2/24/69
from 2/20/69

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Basin full,
very dangerous
side slopes,
road washed
out, sand,
gravel,
boulders in
quick
condition.

Sample obtained by reaching
from bridge



WATER FLOWING
OUT SPILLWAY

ACCESS ROAD

(SP) #1
ACCESS WALKWAY
BRIDGE TO TOWER
OUTLET TOWER

SPILLWAY

DAM



JAL & JJB

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LOS ANGELES COUNTY FLOOD CONTROL DISTRICT
Soils and Materials Engineering Division

SP

SIEVE ANALYSIS WORK SHEET

LAB SERIAL NO. 22895

Total Weight of Sample 1.52 lbs.

Project SAWPIT D.B.

grams.

Station _____

Moisture Content of Fines _____ %.

Location _____

Date Tested 3-4-69 Plotted By _____

Boring No. _____ Sample No. 1

Remarks NP

Sampled By JJB Lab Tested By FK-NR

Intended Use _____

GRAVEL (Plus No. 4)

| ASTM SIEVE NUMBER | SIZE (mm) | RETAINED | | % OF TOTAL OVEN-DRY RETAINED | ACCUM. % RETAINED | ACCUM. % PASSING | |
|----------------------|-----------|----------|-------|------------------------------|-------------------|------------------|------------|
| | | LBS. | GRAMS | | | ACTUAL | SPEC. REQ. |
| 3" | 76.2 | | | | | | |
| 1 1/2" | 38.1 | | | | | | |
| (1") | (25.4) | | | | | | |
| 3/4" | 19.1 | | | | | | |
| 3/8" | 9.52 | 0.06 | | 4.2 | 4.2 | | |
| No. 4 | 4.76 | 0.15 | .21 | 10.4 | 14.6 | 85.4 | |
| Pan | 0 | 1.31 | | xxxxx | | | |
| Total Fractions | | 1.52 | | xxxxx | | | |
| Sieve Loss-Gain | | | | | | | |
| Calc. Oven-Dry Fines | | 1.23 | | 85.4 | | | |
| Total Oven-Dry | | 1.44 | | 100.00 | | | |

Moisture Determination of Fines:
Cup No. 56
Dry Weight 167.9 grams
Moisture 6.5 %

FINES (Minus No. 4)

WEIGHT, GRAMS 100 (CALC.) OVEN-DRY WEIGHT 93.9 grams.

WEIGHT OF TOTAL SAMPLE REPRESENTED BY FINES, OVEN-DRY 110.0 grams.

| ASTM SIEVE NUMBER | SIZE (mm) | RETAINED GRAMS | % OF TOTAL SAMPLE RETAINED | ACCUM. % OF TOTAL RETAINED | ACCUM. % PASSING | |
|------------------------------------|-----------|----------------|----------------------------|----------------------------|------------------|------------|
| | | | | | ACTUAL | SPEC. REQ. |
| 8 | 2.38 | 12.1 | 11.0 | 25.6 | | |
| 16 | 1.19 | 33.5 | 30.5 | 56.1 | | |
| 30 | 0.59 | 22.5 | 20.5 | 76.6 | | |
| 50 | .297 | 14.0 | 12.7 | 89.3 | | |
| 100 | .149 | 7.3 | 6.6 | 95.9 | | |
| 200 | .074 | 2.4 | 2.2 | 98.6 | 1.4 | |
| Pan | 0 | 0.4 | | | | |
| Total Fractions | | 92.2 | | | | |
| Total Dry Weight After Wet Sieving | | 92.4 | 84.0 | | | |
| Sieve Loss-Gain | | -.2 | | | | |

Calculated by NP Date 3/5/69
Checked by JAF Date 3/6/69

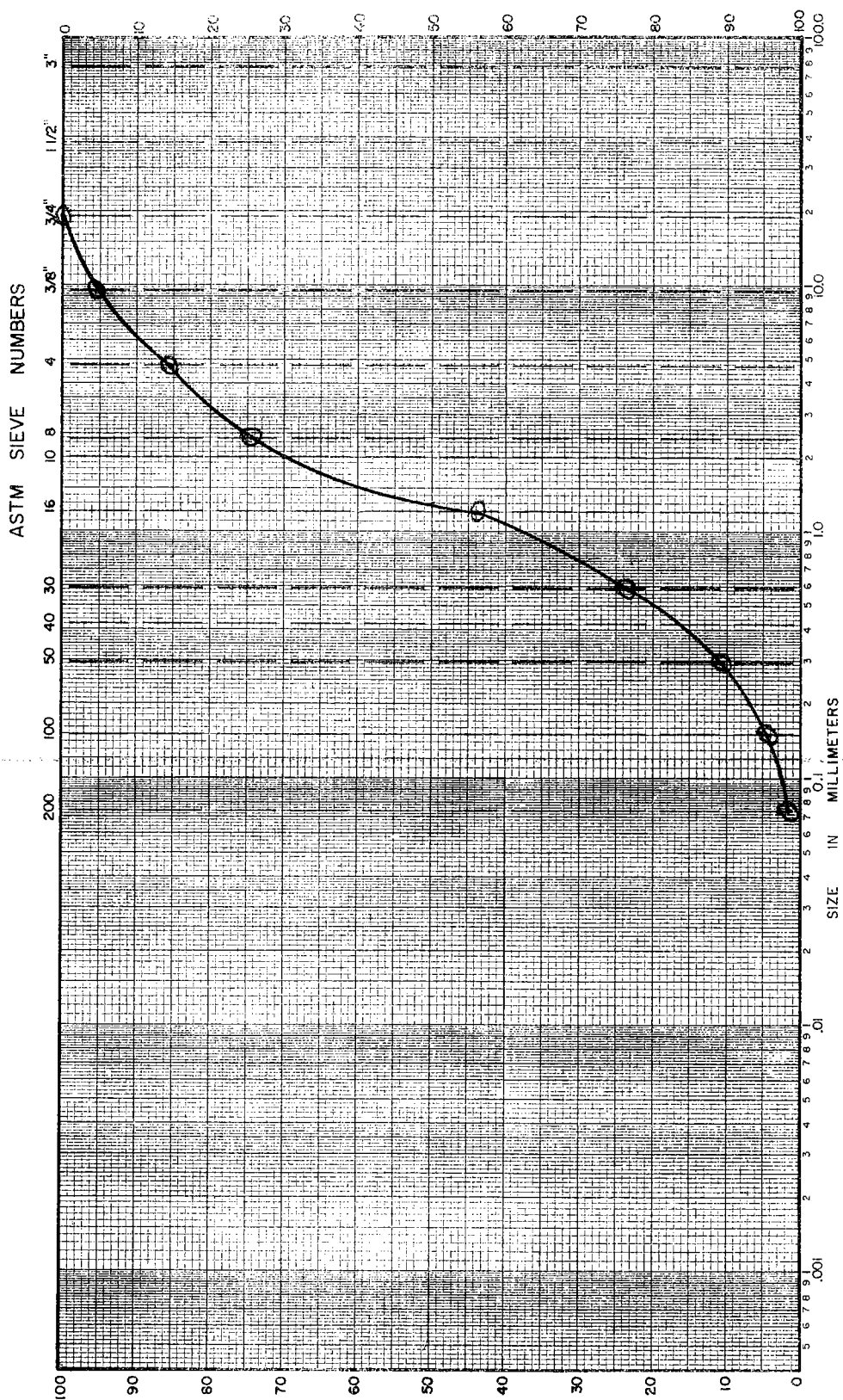
Note: Cross out sieve numbers not used.
212.6
120.2

LOS ANGELES COUNTY FLOOD CONTROL DISTRICT
Soils and Materials Engineering Division
MECHANICAL ANALYSIS

LAB. SERIAL NO. 22895
 JOB _____
 BORING NO. _____ SAMPLE NO. _____
 STATION _____ DEPTH _____ FT.
 LOCATION _____
 SAMPLED BY _____ DATE _____
 FIELD CLASSIFICATION _____ BY _____
 PLAS. IND. _____ LIQ. LIM. _____
 REMARKS _____

CLASSIFICATION DATA

PERCENT (+) NO. 200 _____ PERCENT (+) NO. 4 _____
 % (+) NO. 4 / % (+) NO. 200 _____ D₁₀ 0.075 mm
 D₃₀ _____ mm D₆₀ 1.5 mm
 C_u = D₆₀/D₁₀ 5.6 / PLOTTED BY NR
 C_c = (D₃₀)² / (D₁₀ x D₆₀) _____ CHECKED BY _____
 GROUP SYMBOL _____ DATE 3/16/68
 NOTE: D_x = PARTICLE DIA. AT X% PASSING



| | | | | | |
|--------------|--------|--------|------|--------|--------|
| SILT OR CLAY | | SAND | | GRAVEL | |
| FINE | MEDIUM | COARSE | FINE | COARSE | COARSE |

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