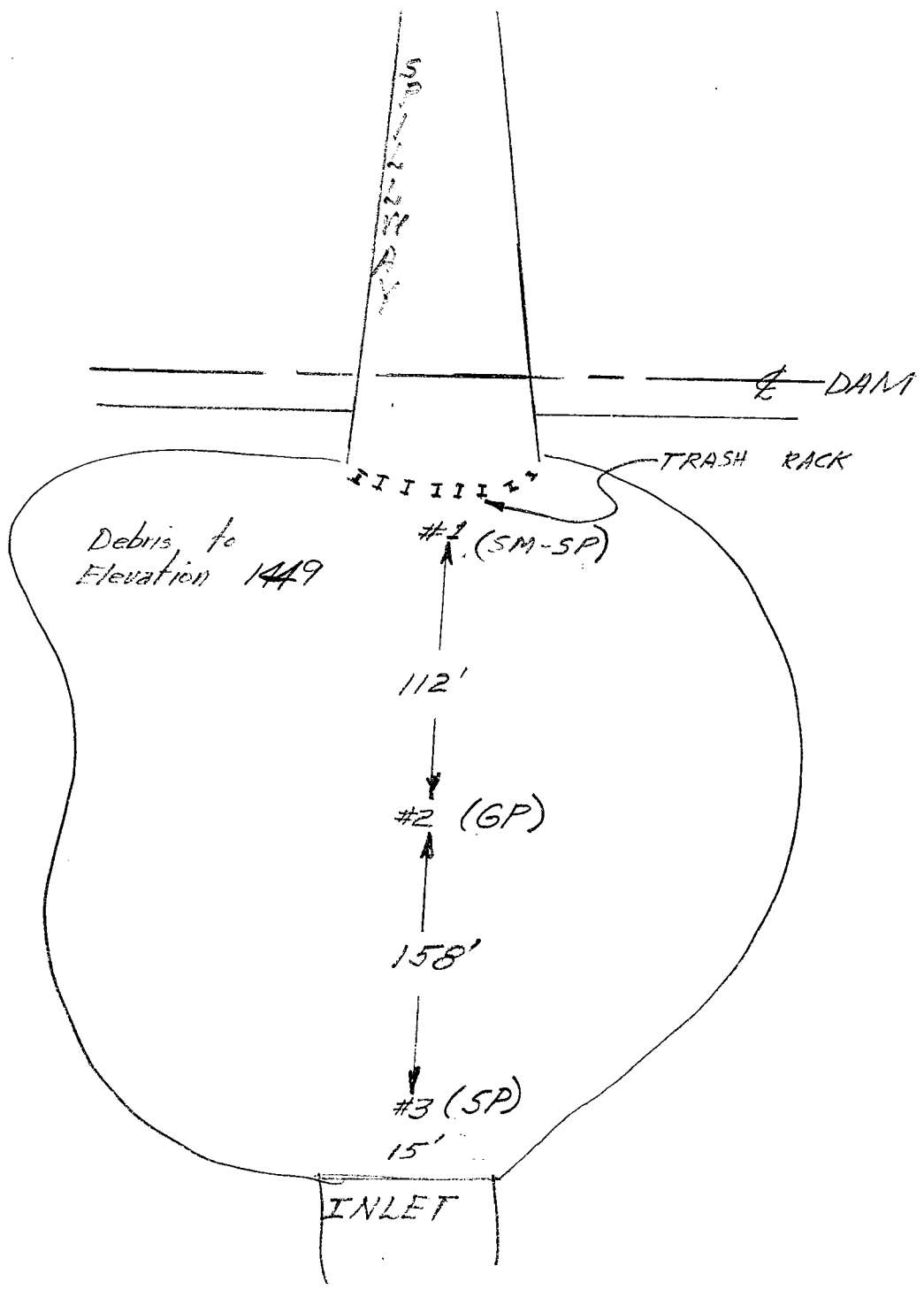
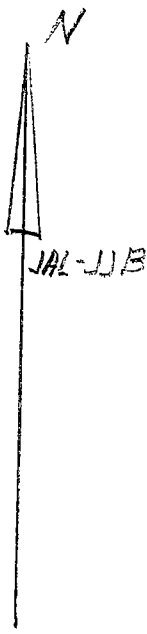


Gooseberry Debris Basin 3/3/69

(1)



**LOS ANGELES COUNTY FLOOD CONTROL DISTRICT**  
Soils and Materials Engineering Division

SM-5P

①9

**SIEVE ANALYSIS WORK SHEET**

LAB SERIAL NO. 22826  
Project GOOSEBERRY D.B.  
Station \_\_\_\_\_  
Location \_\_\_\_\_  
Boring No. \_\_\_\_\_ Sample No. \_\_\_\_\_  
Sampled By \_\_\_\_\_ Lab Tested By APK

Total Weight of Sample 1.78 lbs.  
grams.  
Moisture Content of Fines \_\_\_\_\_ %  
Date Tested 2/14 Plotted By \_\_\_\_\_  
Remarks NONPLASTIC  
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						
1½"	38.1						
(1")	(25.4)						
¾"	19.1						
⅜"	9.52						
No. 4	4.76	<u>0.11</u>		<u>6.6</u>	<u>6.6</u>	<u>93.4</u>	
Pan	0	<u>1.67</u>		xxxxx			
Total Fractions		<u>1.78</u>		xxxxx			
Sieve Loss-Gain							
Calc. Oven-Dry Fines		<u>1.55</u>		<u>93.4</u>			
Total Oven-Dry		<u>1.66</u>		100.00			

Moisture Determination of Fines:  
Cup No. 58  
Dry Weight 167.0 grams  
Moisture 7.5 %

WEIGHT, GRAMS 100 FINES (Minus No. 4) (CALC.) OVEN-DRY WEIGHT 93.0 grams.  
WEIGHT OF TOTAL SAMPLE REPRESENTED BY FINES, OVEN-DRY 99.6 grams.

ASTM SIEVE NUMBER	SIZE (mm)	RETAINED GRAMS	% OF TOTAL SAMPLE RETAINED	ACCUM. % OF TOTAL RETAINED	ACCUM. % PASSING	
					ACTUAL	SPEC. REQ.
8	2.38	<u>2.10</u>	<u>2.1</u>	<u>8.7</u>		
16	1.19	<u>3.95</u>	<u>4.0</u>	<u>12.7</u>		
30	0.59	<u>7.00</u>	<u>7.0</u>	<u>19.7</u>		
50	.297	<u>13.05</u>	<u>13.1</u>	<u>32.8</u>		
100	.149	<u>33.65</u>	<u>33.8</u>	<u>66.6</u>		
200	.074	<u>22.50</u>	<u>22.6</u>	<u>89.4</u>	<u>10.6</u>	
Pan	0	<u>0.46</u>				
Total Fractions		<u>82.65</u>				
Total Dry Weight After Wet Sieving		<u>203.9</u>	<u>82.5</u>	<u>82.8</u>		
Sieve Loss-Gain		<u>121.4</u>	<u>+0.15</u>			

Calculated by AR Date 2/17/69  
Checked by RIT Date 2/19/69

Note: Cross out sieve numbers not used.



LOS ANGELES COUNTY FLOOD CONTROL DISTRICT  
Soils and Materials Engineering Division

GP

SIEVE ANALYSIS WORK SHEET

LAB SERIAL NO. 22827  
Project GOOSEBERRY D.B.  
Station \_\_\_\_\_  
Location \_\_\_\_\_  
Boring No. \_\_\_\_\_ Sample No. \_\_\_\_\_  
Sampled By \_\_\_\_\_ Lab Tested By FKR

Total Weight of Sample 216 lbs.  
grams.  
Moisture Content of Fines \_\_\_\_\_ %  
Date Tested 2/14/69 Plotted By \_\_\_\_\_  
Remarks NON PLASTIC  
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	0.30		14.2	14.2		
(1")	(25.4)	0.15		7.1	21.3		
3/4"	19.1	0.10		4.7	26.0		
3/8"	9.52	0.31		14.6	40.6		
No. 4	4.76	0.24	1.10	11.3	51.9	48.1	
Pan	0	1.06		xxxxx			
Total Fractions		2.16		xxxxx			
Sieve Loss-Gain							
Calc. Oven-Dry Fines		1.02		48.1			
Total Oven-Dry		2.12		100.00			

Moisture Determination of Fines:  
Cup No. 8  
Dry Weight 170.3 grams  
Moisture 3.8 %

FINES (Minus No. 4)

WEIGHT, GRAMS 100 (CALC.) OVEN-DRY WEIGHT 96.3 grams.  
WEIGHT OF TOTAL SAMPLE REPRESENTED BY FINES, OVEN-DRY 200.2 grams.

ASTM SIEVE NUMBER	SIZE (mm)	RETAINED GRAMS	% OF TOTAL SAMPLE RETAINED	ACCUM. % OF TOTAL RETAINED	ACCUM. % PASSING	
					ACTUAL	SPEC. REQ.
8	2.38	15.00	7.5	59.4		
16	1.19	13.40	6.7	66.1		
30	0.59	15.40	7.7	73.8		
50	.297	19.30	9.6	83.4		
100	.149	18.40	9.2	92.6		
200	.074	7.20	3.6	96.3	3.7	
Pan	0	0.10	.05			
Total Fractions		88.8				
Total Dry Weight After Wet Sieving		210.2	88.8	44.4		
Sieve Loss-Gain		121.4				

Calculated by HR Date 2/17/69  
Checked by AST Date 2/19/69

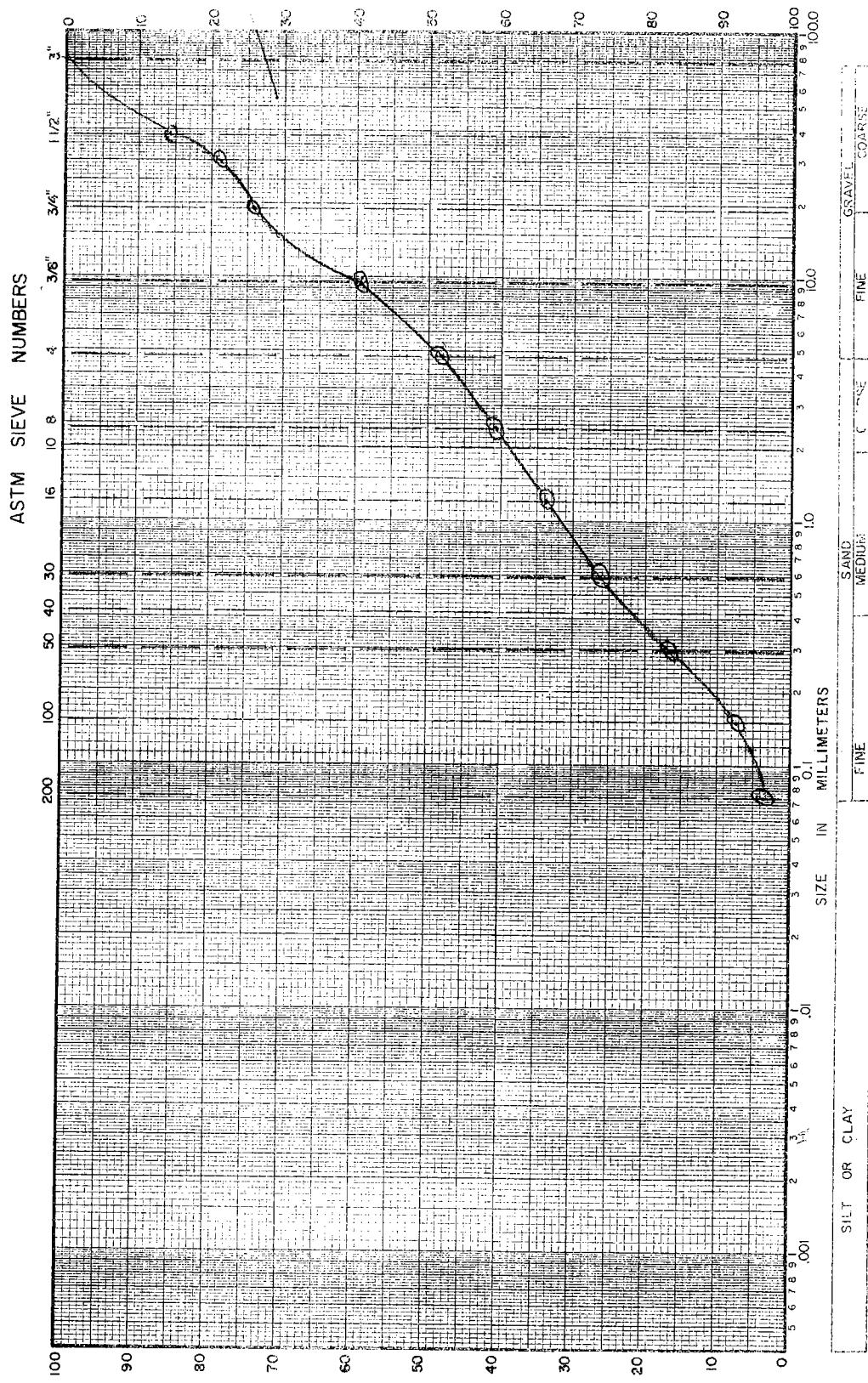
Note: Cross out sieve numbers not used.

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

LAB. SERIAL NO. 22877  
 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 53.9 D<sub>10</sub> .18 mm  
 D<sub>30</sub> .86 mm D<sub>60</sub> 9.5 mm  
 Cu = D<sub>60</sub>/D<sub>10</sub> 52.8 PLOTTED BY AK  
 Cc = (D<sub>30</sub>)<sup>2</sup> / (D<sub>10</sub> x D<sub>60</sub>) 4.32 CHECKED BY RJT  
 GROUP SYMBOL \_\_\_\_\_ DATE 2/14/64  
 NOTE: D<sub>x</sub> = PARTICLE DIA. AT X % PASSING



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